

UNITEC

ANNUAL REPORT 2000

contents

- 1 Highlights 2000
- 2 Mission

The Year in Review

- 4 Chairman's Report
- 5 Chief Executive's Report
- 12 Te Noho Kotahitanga – The Partnership
- 13 Statement of Responsibility
- 14 Report of the Audit Office

Corporate Performance Statements

- 16 Statement of Objectives
- 18 Corporate Outputs
- 20 2000 Achievements

Academic Performance Statements

- 40 UNITEC Applied Technology Institute
- 42 Faculty of Architecture and Design
- 44 Faculty of Arts and Social Sciences
- 46 Faculty of Business
- 48 Faculty of Health, Science and Technology
- 50 Wagener Library

Financial Statements

- 52 Financial Highlights
- 53 Statement of Accounting Policies
- 56 Statement of Financial Performance
- 57 Statement of Operating Costs and Revenue by Faculty
- 58 Statement of Financial Position
- 59 Statement of Cash Flows
- 60 Statement of Movements in Equity
- 61 Notes to the Financial Statements
- 67 Statement of Commitments and Contingencies
- 68 Statement of Resources

Appendices

- 70 Council of UNITEC
- 71 Senior Management of UNITEC
- 72 Glossary

highlights2000

0.0	7, 623 EFTS (4 percent growth) in 2000, which included 1, 209 international EFTS, an 86 percent increase over 1999.
0.1	UNITEC's first PhD programme in Education was accredited.
0.2	Restructuring established the UNITEC Applied Technology Institute (UATI), a continued commitment to quality skills-based education.
0.3	The Centre for Educational Management was established, the first Key Centre for Teaching and Research.
0.4	The Veterinary Referral Hospital was operational by year's end, providing specialist medical, surgical and teaching facilities.
0.5	Te Puna Reo o Wairaka, a Maori language-immersion childcare centre began operation in September.
0.6	The year saw rapid growth in on-line learning – 190 courses offered, 300 in development, and 2,500 students in programmes delivered wholly or in part by e-learning.
0.7	Te Noho Kotahitanga – The Partnership was announced, an explicit statement of principles in both Maori and English honouring the Treaty of Waitangi.
0.8	A new Memorandum of Understanding between UNITEC and six major iwi groups with specific interests in the Auckland region was signed.
0.9	Fono Faufautua, the Pasifika Council, was established to support Pacific Island students' needs.
1.0	Partnership agreements with two overseas universities were signed – RMIT in Australia, and Kanazawa Institute of Technology in Japan.
1.1	'Tomorrow's University' met budget and achieved an operating surplus of \$2.516 million.

mission



To be New Zealand's leading provider of applied higher and further education.

For our students, we will:

- Provide relevant and durable qualifications
- Foster intellectual and learning independence
- Commit to quality in all our activities
- Encourage and support their success.

For our owners, we will:

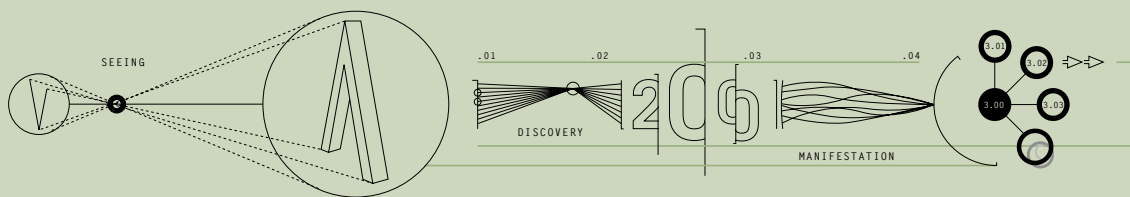
- Be accountable for our actions
- Provide sound stewardship of resources
- Enhance their investment.

For our staff, we will:

- Be a good and fair employer
- Provide support for both teaching and research
- Recognise and celebrate their contributions.

For the wider community, we will:

- Honour the Treaty of Waitangi
- Advance, disseminate and preserve knowledge
- Act as a critic and conscience of society.



the year in review

For the year ended 31 December 2000

Pg No 5
UNITEC

.00 VISION n. 1. the act of seeing with the eye; the power, faculty, or sense of sight. 2. the act or power of perceiving what is not actually present to the eye, whether by some supernatural endowment or by natural intellectual acuteness.

chairman's report



UNITEC had a very good year of all-round achievement in 2000, particularly in terms of academic progress, student accomplishment, and staff developments inside and outside campus. It is particularly satisfying that UNITEC has made such progress in a year fraught with some very difficult and unforeseen obstacles. UNITEC continued to experience Equivalent Full-time Student (EFTS) growth, achieving a 4 percent increase over 1999 levels. This was particularly positive, as many institutions experienced a drop in enrolments.

There has been strong demand for many of UNITEC's programmes, which are widely recognised in the workforce, business sector, and community for their versatility and applied focus. The internationalisation of tertiary education has been embraced by UNITEC, and the Institute has been conscious of the need to deliver graduates into the community who are equipped with skills that can be used anywhere in the world. UNITEC's graduates have been very successful in finding prominence at a national and international level in all disciplines. The performing arts graduates who appeared in television programmes such as *Street Legal* and *Jackson's Wharf* were typical of some of the UNITEC students who received national recognition and acclaim in 2000.

Council had to deliberate upon the Education Bill introduced by Government that specifically excluded UNITEC's application for redesignation as a university of technology. The validity and justness of UNITEC's case for becoming a university is overwhelming, and Council is determined to see the application through to its completion. The opposition mounted against our application by the university sector is testament indeed that our application was very meritorious and would have almost certainly been successful. The report of the Tertiary Education Advisory Commission (TEAC) is awaited by Council for its recommendations on the shape of the sector. The governance of tertiary institutions and the powers of the Associate Minister of Education to intervene in instances of financial strife as proposed in a draft amendment to the Education Act were other significant issues considered by Council.

It has also been a year of cementing UNITEC's ties with local iwi. The adoption of Te Noho kotahitanga – The Partnership is a significant step forward in consolidating UNITEC's Charter and commitment to Maori participation in all facets of the institution. Council approved the building of a marae that will become the heart of cultural, social and educational activities on campus. It looks forward to the marae as a place where all cultures can celebrate and share an understanding of each other's diversity. A memorandum of understanding is likely to follow a series of meetings between UNITEC and the Auckland iwi which is very positive for future relationships and exchanges. It was also a great privilege for many Council members to attend the opening of the 'Te Ara – Sir John Turei Way' in November in honour of UNITEC's kaumatua and Council member. Te Ara means 'the way ahead' and the bridge over the Wairaka Stream also symbolises how Sir John has brought together so many individuals and organisations from around New Zealand.

Council members have had to act on some very detailed and complex issues in 2000 and I thank them for their patience, insight and fortitude. Council members are passionate about UNITEC as 'Tomorrow's University', and their dedication, direction and guidance in advancing the interests of the Institute and its students is gratifying both to me and to Dr John Webster, the President and Chief Executive.

I look forward to 2001, our 25th jubilee year, with much enthusiasm and the hope of fulfilling UNITEC's long-held aspirations and goals.

A handwritten signature in black ink, reading 'John Robb'.

John Robb

Chairman of Council

chief executive's report



The Year in Review 2000

E nga iwi, e rau rangitira ma, tena koutou katoa.

Kei mua ko ratau ma kua ngaro,

Kei mua ko te ara matua ki te ao hou.

No reira, tena koutou e hoa ma.

Overview. The year was an interesting and highly successful one for UNITEC, despite the frustration and disappointment caused by the last-minute decision by the government in May 2000 to suspend processing of our application for redesignation as a university. The immediate negative aspects of this setback were offset by the way in which Council, staff and students came together in an effort to have the decision reversed and to develop and promote to the Tertiary Education Advisory Commission (TEAC) consistent, credible and cost-effective proposals for the future structure of higher education in this country. Our current educational profile is characterised by:

- Teaching from certificate to doctoral level
- Close integration between practical and theoretical research
- Teaching and learning which are informed by research and practice
- An enduring commitment to educational partnership and
- Widespread access to opportunities for flexible learning.

By the end of 2000, UNITEC had more than 16,000 students from 40 countries, giving a student load of 7,623 Equivalent Full-time Students (EFTS). We were accredited to deliver PhD programmes in Education, and were supervising PhD programmes in other fields through our partnership with Royal Melbourne Institute of Technology (RMIT) University. We offered nine postgraduate programmes, 17 bachelors degree programmes, with 33 distinct majors, and an extensive portfolio of certificate programmes. Our EFTS growth of just over 4 percent was encouraging, given the drop in student numbers experienced during the year by many other institutions. The number of New Zealand-resident students enrolled appears to have been adversely influenced by public perceptions of the more negative aspects of student loans, buoyant employment prospects, and problems experienced by Work and Income New Zealand (WINZ) in dealing with loan applications. The last of these factors, sadly, had a disproportionate impact on the very student groups that Government would most have wished to support.

International student numbers continued to increase. The ability of many institutions to maintain high quality in their teaching and research, particularly given the impact of fee stabilisation and the lack of adequate compensation through the bulk funding system, now

depends to a considerable extent on their access to continued growth in this area. Word of mouth and a strong track record have done much to underpin our performance in status-conscious overseas markets. However, the fact that UNITEC, unlike otherwise very similar institutions in Australia and elsewhere, is not yet recognised by Government as a university, continues to cause a significant amount of confusion, and to hold back our export performance.

The success achieved by UNITEC students and staff in many contexts both locally and internationally, the high growth in postgraduate enrolments, and the accreditation of our first doctoral degree were welcome highlights.

University Status. In my report for the year 1999, I commented that our key goals in seeking redesignation as a university included:

- Increased public recognition and support
- Improved responsiveness to industry needs
- Leadership in technical and further education
- Enhanced social and economic involvement
- Enhanced export of educational services
- Stronger international networks and
- Improved competitiveness.

We make special efforts to meet the needs of part-time as well as full-time students, to provide a rewarding environment for mature students as well as school leavers, and to maintain close links with industry and commerce. These goals ensure that teaching and learning at UNITEC is distinctive in style, and directly enriches the economic and social capital of New Zealand. We have thus elected not to model ourselves on the established universities in this country. We recognise and respect their roles and priorities, but we intend to pursue significantly different directions.

Reflecting the Charter endorsed by the Minister for Tertiary Education early in 1999, UNITEC, as 'Tomorrow's University', is committed to applied teaching and learning that reflects and helps to form best practice in industry and community services.

We will design our higher education programmes, and specialised technical and further education services, around the knowledge, skills and attributes needed by graduates to succeed in major industry sectors. We will thus educate people for work, and people in work, and will undertake applied research primarily to inform the educational process. We will reflect and anticipate leading-edge industry practice, encouraging students to develop high levels of innovation and critical thinking.

We intend to continue delivering a comprehensive, practical and responsive range of educational programmes, and made substantial progress in this respect through 2000. Programmes will be targeted at the needs of students seeking entry to or advancement in key industry and community sectors. They will extend from certificates to doctoral degrees, and will be delivered through a range of mechanisms in response to student needs. Implementing flexible and accessible pathways for student growth remains a central goal, and, as noted below, more than 2,500 of our students are currently enrolled in programmes delivered in whole or in part through e-learning.

The spirit and enthusiasm generated in the lead-up to the planned visit by a panel of international experts selected by the New Zealand Qualifications Authority (NZQA) to assess our application to be redesignated as a university was tremendous. As a result, the unheralded introduction by the Associate Minister of Education (Tertiary Education) of the Education [Limiting Number of Universities] Amendment Bill (commonly known as the UNITEC Bill), caused widespread shock and disappointment.

The subsequent decision by the NZQA - acting upon the advice but not the instructions of the Minister - to suspend processing of our application and, at the very last minute, cancel the scheduled panel visit, completed our only major setback in 2000.

The Bill, which was introduced into Parliament without prior notice to or consultation with UNITEC, would, if enacted, prevent the Minister from establishing more than eight public universities in New Zealand, but would still allow the NZQA Board to approve the establishment of an unlimited number of private universities (proposed amendments to the Education Act would transfer this responsibility to the Minister, but would still not restrict the number of private universities). With a current application for redesignation yet to be determined, UNITEC is the only institution affected by the draft legislation.

Most informed observers appear to have concluded that, had the panel visit been allowed to proceed in May 2000, the outcomes would have been positive. The developments which have taken place since then have served only to strengthen our case for redesignation as a university. For example, enrolments in degree programmes increased by more than 7 percent between 1999 and 2000, and now account for more than 55 percent of our overall student load. The relevant NZQA criterion specifies that an institution seeking designation as a university should have 50 percent or more of its student load in degree programmes.

Subsequently, the Minister agreed that the Select Committee could delay reporting on the UNITEC Bill until after TEAC had advised him

on the future shape of the higher education sector. For our part, we undertook not to initiate any legal action relating to suspension of our application for redesignation until the TEAC report was available. We have since made detailed and closely argued submissions to TEAC on the matter. We firmly believe that our core objective of maintaining our special character as a university of technology, a kind of institution which is common overseas, is compatible with the stated government policies on higher education, and would add much to the quality and diversity of opportunities available to students in New Zealand. TEAC is understood to have reported to the Minister in late December 2000 on the shape of the sector and, at the time of writing, we were awaiting public release of that report by the Minister.

Te Noho Kotahitanga. During 2000 UNITEC pursued several initiatives based on our commitment to the principles of the Treaty of Waitangi. Our central aim has been to foster a positive and constructive partnership between Maori and non-Maori in charting future directions for UNITEC. After extensive consultations within and beyond UNITEC, Council decided to put in place Te Noho Kotahitanga, an explicit statement of principles, expressed in both Maori and English, which will guide our future development, and create an enduring and effective partnership within the framework of UNITEC.

This statement serves in part to make explicit what is already practice at UNITEC. For example, we have, for several years, implemented a Maori Participation Plan, designed to achieve greater participation and success by Maori students in UNITEC programmes, increase the number and improve the distribution of Maori staff, and facilitate a better understanding of Maori values by all staff and students. A range of initiatives, such as the establishment of Maia, the Maori Development Unit, has been put in place.

Continuing work on the development of the UNITEC marae has helped to focus our attention on the richness and diversity of our heritage and the importance of the site which we occupy, and over which Ngati Whatua exercise mana whenua.

To ensure that this richness and diversity can be fully recognised in the design and operation of the new facilities, we held detailed and successful discussions with six major iwi groups which have significant interests in the Auckland region. The outcome has been a new Memorandum of Understanding, recognising the status of each iwi group as an interested party, and providing a secure basis for future collaboration and respect between the groups as well as between UNITEC and the groups.

The location of the new marae has now been finalised, and key decisions taken on how the marae will interface with other major

campus facilities. Design and construction of the wharehau and the closely related facilities is expected to commence later in 2001.

Extensive work has also been undertaken on the development of an innovative bachelors degree programme in Maori Studies, designed from the beginning to facilitate the later implementation of a carefully chosen range of appropriate conjoint programmes.

At the other end of the educational spectrum, our new early-childhood Maori language immersion centre, Te Puna Reo o Wairaka, began operations in September 2000. The high level of commitment of both staff and parents was well demonstrated as the unit settled down and coped with the inevitable problems posed by fluctuating enrolments at the end of the academic year. Their efforts will bring full fruit in 2001, since there is now a substantial waiting list for entry, and consideration may have to be given to expanding the facilities to cope with the demand.

Graduate School. The Graduate School is already the centre of postgraduate scholarship. Its role will become still more important as UNITEC is able to offer doctoral degrees in a wider range of areas. The fact that the Graduate School provides a secure base for research students and their supervisors, providing access to specialised resources and maintaining effective quality assurance processes, played an important part in securing recognition by NZQA of our capacity to deliver doctoral degrees, initially in the field of Education.

The inaugural Dean of the Graduate School, Professor David Pugh (formerly from RMIT University, Melbourne), provided exceptional leadership and guidance in setting the way for future growth throughout 2000. He was supported in the latter part of the year by Professor Jacqueline Rowarth, who joined us in May 2000 in the combined roles of Associate Dean of the Graduate School and Director of Research.

As had been arranged, Professor Pugh retired from his position as Foundation Dean of the Graduate School with effect from the end of 2000. I am pleased to report that Professor Rowarth will take over as the substantive Dean in February 2001, and has agreed to retain her responsibilities as Director of Research. Professor Rowarth was also honoured during 2000 by being elected to the Council of the Royal Society, where she represents Primary Industries and Entrepreneurship.

Key Centres for Teaching and Research. The first Key Centre for Teaching and Research to become fully operational was the Centre for Educational Management. This centre will be the leading

example of its kind in New Zealand and it draws primarily upon the expertise of our School of Education in providing an applied, practice-oriented approach to teaching and research. The main focus will be on using applied research to solve educational problems in areas such as staff appraisal and professional development in schools, the evaluation of educational initiatives and management development for principals.

Two more Key Centres, in Business Innovation and Entrepreneurship, and Architecture and Construction, will commence full operation in 2001, while the Senior Management Team, at its final meeting for the year 2000, approved in principle a proposal for the establishment of a Key Centre in Sustainable Development.

UNITEC Applied Technology Institute. In February 2000, following extensive internal discussions, Council endorsed a proposed restructuring which established a UNITEC Applied Technology Institute (UATI) and included measures designed to foster collaboration between faculties, and provide more effective systems for the Institute and the faculties to participate in major planning decisions.

One motive for the establishment of the Applied Technology Institute was to make it absolutely clear to all stakeholders that UNITEC is committed to the retention and continuing development of high quality, skills-based education within the framework of a university of technology. Other motives included the wish to provide the Institute with sufficient freedom, in both operational and academic terms, to address the specific needs of its major constituents, and to establish an appropriate profile in the community. Thus, for example, an agreement primarily directed towards sharing programme development was signed between UATI and Hutt Valley Polytechnic during the year. It has already provided both parties with significant positive outcomes.

Amongst other benefits which have flowed from this modest but important restructuring can be numbered the establishment of an Apprenticeship Trust, and the implementation of an innovative scholarship scheme. This scheme enables Maori and Pasifika students whose family or community are prepared to take an active role in helping them to study and resolving any personal problems that arise, to be exempted from tuition fees for programmes in the Building Technology and Construction trades.

Finally, during the year, UATI has worked closely with other providers and industry to design and achieve accreditation for a new Diploma in Applied Technology, which will become a capstone programme for those seeking to develop both high technical skills and a measure of competence in small business operation and front-line management.

Graduation. Our degree graduation ceremony was held on 12 April 2000 and included our first masters graduate (most of our postgraduate students study part-time, and many more will graduate over the next few years). Over 500 UNITEC graduates participated in the two ceremonies. Our guest speakers were Dr Norman Kingsbury, chair of both the New Zealand Qualifications Authority and the Tertiary Education Advisory Commission, and Professor David Beanland, the Vice-Chancellor of RMIT University.

Community Service. UNITEC staff and students are involved in the community in so many ways that this Annual Report can mention only a tiny subset of the relevant activities. Consider, for example, the efforts of three Bachelor of Landscape Architecture students who helped to transform the Mt Albert railway station through a community-focussed landscape installation, or those of the 32 Environmental Engineering students who, in March 2000, worked with staff to clean up the beach and reserve around Pt Chevalier Peninsula, the Meola and Motions Creeks and the Meola reef. The aim of the exercise was to create a safer, more enjoyable environment for the community by clearing away rubbish and other refuse that had been dumped. Not surprisingly, amongst much other debris, a truckload of tyres was collected and removed for recycling or safe disposal.

UNITEC staff have been involved in several projects to assist the Pasifika community. For example, a pilot programme for secondary schools was started in order to provide 60 Pasifika students in forms 3 and 4 at targeted schools in Glen Innes with assistance in several areas. The programme included workshops and a meeting with parents and family members, the main aims being to highlight the importance of subject choice and to get children to plan beyond secondary school.

UNITEC also joined in partnership with a charitable trust, Project Crimson, which is sponsored by Carter Holt Harvey in conjunction with the Department of Conservation. As a result of that involvement, students in the School of Landscape and Plant Science planted and grew 3,000 pohutukawa and rata seedlings during the year.

Apart from the major ceremonies for degree graduates, there were many other award ceremonies, organised at faculty and school level, for certificate and diploma graduands, with a highlight being the graduation of the first 57 holders of the Certificate in Mental Health Support Work. The ceremony at which certificates and diplomas were awarded in Horticulture and Landscape Design was addressed by Nandor Tanczos, a well-known Member of Parliament, and holder of a UNITEC Diploma in Sustainable Land Management.

The ceremony at which certificates and diplomas were awarded in Veterinary Nursing and Animal Technology was addressed by the Member of Parliament for Titirangi, David Cunliffe. At this ceremony, the first UNITEC graduates in the Diploma in Veterinary Nursing were recognised as were the first graduates of the Certificate in Animal Welfare Investigations. In a good demonstration of the way in which UNITEC seeks to meet the identified needs of industries, communities and the professions, the latter programme had been jointly developed by UNITEC, Waitakere City Council and the Ministry of Agriculture and Forestry.

Graduates 2000. UNITEC graduates are proving successful wherever they go and in whatever field they choose to practice. Our Graduate Survey 2000 showed that 54 percent of graduates preferred to continue their studies at UNITEC. In Business, 77 percent of the graduates pleasingly cited UNITEC as their main choice for further study. Moreover, 65 percent of our graduates had, by the time of the survey, found employment that was related or highly related to the programmes they had just completed.

Visiting Professors. UNITEC was fortunate to host several world-leading academics during the year in review, including Professor Andrew Gonzci from the University of Technology, Sydney, who was appointed as an adjunct professor in the Academic Development Unit during 2000, and mentored teams working on the Teaching, Learning and Assessment project. His inaugural address, In Praise of The Vocationalised University, was very well received, and copies of his presentation were subsequently in high demand.

Professor Paul Kruger of the School of Civil and Environmental Engineering School at Stanford University was hosted by UNITEC on a trip to New Zealand in November. As a world authority on alternative and sustainable energy sources and storage media, such as hydrogen, Professor Kruger presented expert seminars to staff and students. He also appeared on breakfast television and met with officials from the Ministries of Transport and the Environment.

Dr Charles Glassick, a fellow from the Higher Education Research and Development Society of Australasia (HERDSA) and member of the Carnegie Foundation for the Advancement of Teaching, visited UNITEC in July, and discussed a model of learning based on inquiry that exposes students to research and is very similar to established UNITEC practice. His visit led to a particularly interesting exchange of views.

Dr Allan Levine, an expert from Maricopa Community Colleges in Arizona, was invited by our Learning Technologies Unit to provide

workshops on the Blackboard Course Info courseware authoring package and share experiences in online learning. Diane Janes from the University of British Columbia in Vancouver also visited UNITEC to share information about online learning developments.

The School of Nursing hosted Professor Linda Beamer from the University of Wisconsin at Madison, Minnesota. Professor Beamer addressed staff and students on collaboration for health and education in the community, locally and internationally. Another visiting academic from Minnesota was Professor Angela Barretta-Herman, from the Department of Social Work at the University of St Thomas St Paul.

Conferences. As usual, UNITEC hosted several major national conferences. The Organics 2000 Conference was hosted by the School of Landscape and Plant Science and attracted more than 400 delegates.

The keynote speaker was Dr Ann Clark, a pastoral management specialist at Guelph University in Ontario, Canada. The Minister of Agriculture, the Hon. Jim Sutton, also spoke, as did the leader of the Green Party, Jeanette Fitzsimons. Also attending the conference were internationally renowned experts on organic agriculture and horticulture from the UK and Australia.

Technology Developments. UNITEC has 300 online courses (of which 190 are fully operational), and some of the latest multimedia facilities available such as digital imaging, Wireless Application Protocol (WAP), e-books and voice-recognition software.

During the year our Learning Technologies Unit helped to establish web-casts for a group of general practitioners in the Auckland area. Online participants were able to watch and listen to presentations, and contribute freely to the subsequent questions and discussion. This was probably the first occasion on which a fully interactive online professional development programme had been delivered in New Zealand. It was made possible by the innovative use of Blackboard Course Info (BCI), the web-authoring tool being used to develop and deliver most of our expanding range of online learning programmes.

UNITEC has been at the forefront of using BCI in New Zealand. Increasingly, we expect students to select e-learning mechanisms to supplement, or in some instances to replace, face-to-face studies by time-shifting lectures and tutorials and planning study schedules to fit in with their other commitments. By the end of 2000, approximately 2,500 UNITEC students were accessing and using such resources on a regular basis.

Our intranet and email servers have been substantially upgraded to encourage general use by UNITEC students and staff, and to facilitate

the speed and accuracy with which information can be circulated and timely feedback received.

Parliamentary Visits. UNITEC was fortunate to be visited in May by its local Member of Parliament and Prime Minister, the Rt. Hon. Helen Clark. The Prime Minister launched the new Applied Technology Institute, and named the Red Lecture Theatre as the Bryan Bartley Theatre after a long-serving and much-respected former Chairman of Council. Afterwards, she was given a beautiful kauri and paua bowl made by Edward Prince who is both a staff member and a student of UNITEC.

Liz Gordon, Member of Parliament and Chairperson of the Education and Science Select Committee (the committee which is due to report on the UNITEC Bill) visited UNITEC in October. Many other parliamentarians visited UNITEC during the year to take part in the highly successful Open Forums organised by the School of Communication, which have helped address a series of major problems facing Auckland and New Zealand, or to speak at seminars or workshops. For example, the Minister of Education took part in a panel discussion on access to educational opportunity, while the Minister of Broadcasting delivered a thoughtful address on policy options for radio and television, and the Associate Minister for Foreign Affairs and Trade presented a lunchtime seminar on social, ecopolitical and trade issues relating to human impact on the South Pacific. We hope and believe that they all left with an enhanced sense of our commitment to operating as a university of technology, and serving as a critic and conscience of society.

Honours and Awards. The year began auspiciously indeed with announcement that a knighthood was to be conferred upon our kaumatua, John Turei, for services to Maori and, in particular, to Maori youth. The subsequent conferral by the Governor-General of the knighthood upon Sir John, which took place at his home marae in Ruatoki, was a once-in-a-lifetime event, attended by people from all over New Zealand who had benefited from his support and encouragement, including several bus-loads of friends and colleagues from UNITEC. Later in the year, we added our own small tribute by naming after Sir John a new bridge across the historic Wairaka Springs which rise in the heart of our campus and flow in front of our future marae. There could be no better symbol for his many contributions to UNITEC and to his adopted city.

The Queen's Birthday Honours list brought more good news for UNITEC, with two staff members, both from the School of Performing and Screen Arts, being recognised for their exceptional services to theatre and dance respectively. The Head of our Directing and

Writing majors, Raymond Hawthorne, was made an Officer of the New Zealand Order of Merit, while Shona McCullagh, a part-time tutor in Dance, was made a Member of the same Order. Incidentally, Raymond Hawthorne also received much critical acclaim for his performance in the very popular play *Judas Kiss* at the Herald Theatre, in which he took the leading role as Oscar Wilde.

In fact, so many staff members received significant awards and accolades over the year that trying to make a representative selection would be very difficult. Two particularly interesting awards went to staff members from the School of Education. Dr Jens Hansen became the first academic from New Zealand or Australia to be awarded a Research Fellowship by British Telecom, enabling him to travel to the United Kingdom to investigate how communities respond to technological advances. Associate Professor Tanya Fitzgerald was awarded the Minolta Dame Jean Herbison Travelling Fellowship for 2000 by the New Zealand Educational Administration Society, and will travel to the United Kingdom to study preparation programmes for women principals.

Finally, I would also like to congratulate once more all the staff members who received recognition in the Staff Trust Awards for their outstanding contributions in the areas of teaching excellence, research excellence, exceptional service, quality of service, service leadership, and programme leadership. Like all of our staff members, they helped to make 2000 a successful year for UNITEC and its students.

Projects. The implementation of the PeopleSoft Student Administration system progressed very well in 2000 thanks to the dedication of the project team and the many staff at UNITEC who were involved in specification, testing and piloting. After extensive testing, the system 'went live' in October and has been used to process all admissions and enrolments for 2001. As was the case with the Finance and Human Resources modules that had already been implemented, introduction of the Student Administration module has been largely trouble-free. Given the complexity of modern information technology projects, this stands as a considerable credit to our own staff, the consultants who supported the project, and the training teams who ensured that operational staff were prepared to make the best use of the new system. The accuracy and timeliness of management information data has already been much improved and further efficiencies will become possible as the potential linkages between modules are fully mobilised.

In August 2000, construction commenced on Stage Four of the Student Learning Complex. The new building will be ready for

occupation before the start of the first semester in 2001, expanding the space available in the Wagener Library and making it possible to accommodate more study areas. The extension will also house the School of Education which has expanded significantly in student and staff numbers through the provision of new programmes, including a doctoral degree and a new and innovative Diploma in Teaching (Early Childhood Education).

The Veterinary Referral Hospital was also completed and became operational towards the end of 2000. The hospital, which provides specialist medical and surgical facilities for small animals, along with specialised teaching facilities, is unique in New Zealand.

The hospital was developed as a commercial partnership between UNITEC and a group of consulting veterinarians who have strong support from the local profession. The new hospital should have many benefits for teaching and research in Veterinary Nursing and Animal Technology. It may very well have spin-offs in other related areas and should serve as a working model on which to base other professional partnerships.

International Links. The partnership between UNITEC and RMIT University Melbourne, which was foreshadowed in my 1999 report, became effective early in 2000 with the signature by both parties of a detailed agreement setting out their respective aims, objectives and obligations. The subsequent success of the arrangements has exceeded the expectations of both institutions, with many positive exchanges already having taken place at faculty and school level, and further major joint venture initiatives being in prospect.

Also during 2000, UNITEC was delighted to sign a memorandum of understanding with Kanazawa Institute of Technology, a highly reputable private university in Japan. We were delighted to host several senior staff from Kanazawa, including the President, for the signing ceremony. The agreement represents an acknowledgement by UNITEC and Kanazawa of their shared interests in education and research, interests which will, in the first instance, be addressed by student and staff exchanges designed to enhance understanding between our respective institutions.

Student Retention and Success. Following extensive discussions in 1999, the Academic Board established a Working Party on Student Retention and Success to review and advise on current and future best practices to enhance the student experience at UNITEC. The Working Party, under the leadership of Diana Nicholson

from Te Tari Awhina, investigated research and literature in New Zealand and overseas, as well as reviewing our own performance.

With our high proportion of part-time, mature-age students, analysing the value that has been added for these students poses some interesting challenges. One surprising but encouraging result was that, almost certainly as a result of the great efforts being made by Puukenga and Maia, the success rates for Maori students are beginning to approach the levels achieved by Pakeha students. However, despite encouraging achievements by individual students, the overall success rates for Pasifika students still lag some distance behind. This issue has provided an initial focus for discussions at Fono Faufautua, the new Pasifika Council, and some exciting initiatives are in prospect for 2001.

While recognising that many of our teaching, learning and support systems already represent best practice, the Working Party made several significant recommendations, and proposed that a Director of Student Retention and Success be appointed to provide a leadership focus. A senior staff member, currently a Head of School, has been seconded to this important role, and will take office early in 2001. This will enable us to examine the situation in more detail and to formulate longer-term strategies.

Silver Jubilee - 25 years of success and achievement.

As a legal entity, UNITEC came into being in November 1975. The first students arrived in February 1976, and UNITEC therefore has good cause to celebrate 25 years of success and achievement in meeting community needs for vocational education and applied research in Auckland, throughout New Zealand and, increasingly, overseas.


Wilf Wagener, the first Chairman of Council, and others involved in the formative years of Carrington Technical Institute (as UNITEC was formerly known) had the vision to see the need for another tertiary provider in Auckland, one providing education which was practical and useful to both students and employers. UNITEC has grown rapidly from a small cluster of prefabricated classrooms on farmland west of the city to become a major institution, with a reputation for innovation, a strong vocational focus and an enduring commitment to teaching and learning informed by research and practice. UNITEC is now the largest of all tertiary providers in New Zealand not yet recognised as a university, and clearly meets the established criteria for such recognition.

I would like to take this opportunity to congratulate all the past and present UNITEC staff and students who have created an innovative

and effective institution in which Auckland and New Zealand can take genuine pride. For 25 years we have looked ahead, successfully anticipating and supporting the growth and maturation that has occurred in the society and economy of New Zealand.

Our consistent aim has been to educate people for work, and people in work, recognising that a strong general education forms an important component of that preparation. In pursuing that aim, UNITEC has helped to build our national capacity to survive and prosper in a world characterised by rapid change and intense competition, and has become a genuine and effective university of technology in all but name.

UNITEC Council. Once again, and on behalf of all the staff of UNITEC, my sincere thanks go to Council which has dealt effectively and expeditiously with many major strategic issues in 2000, including our partnership with RMIT, our application for redesignation as a university, our submissions to the Select Committee and TEAC, and some significant development projects. The guidance of Council, and in particular the leadership of the Chairman, John Robb, were of immense value to UNITEC in 2000.



Dr John Webster

President and Chief Executive

te nohokotahitanga

Te Noho Kotahitanga

Kupu Whakatau

Ko te Tiriti o Waitangi te kawenata mo to
tatau motu, Aotearoa

He kawenata whakahirahira, ko te Whare
Wananga o Wairaka e tautoko ana i te noho
kotahitanga a te Maori me te Pakeha.

Ko te Whare Wananga o Wairaka ka u tonu ki
te whakamana i nga kaupapa me ona
puawaitanga.

Rangatiratanga

E whakarite ana te Whare Wananga o
Wairaka ki te putake ake o te rangatiratanga
o te Maori me nga matauranga Maori.

Wakaritenga

E whakarite ana te Whare Wananga o
Wairaka ki te mana o tena, o tena, ki te noho
kotahi, ki te puaki i tona ake reo, ki te
whakamahi i nga rawa mo nga iwi katoa.

Kaitiakitanga

E whakarite ana te Whare Wananga o
Wairaka ki te kaitiakitanga o nga taonga
matuaranga.

Mahi Kotahitanga

E whakarite ana te Whare Wananga o
Wairaka kia tau he ngakau mahaki i roto i
nga mahi katoa

Ngakau Mahaki

E whakarite ana te Whare Wananga o Wairaka
ki te whakanui i nga taonga tuku iho nga ao e
rua, a hikoi ki mua

Ko te Maori me te Pakeha e mahi tahi ana mo
te Whare Wananga o Wairaka

The Partnership

Preamble

The Treaty of Waitangi is the founding document
of New Zealand.

UNITEC acknowledges the great importance of this
living, dynamic document and will continue to respect
and promote the equal standing which it
confers on Maori and Pakeha.

UNITEC will put the following values into
practice in pursuing its goals:

Authority and Responsibility

UNITEC accepts the principle that Maori have authority over
and responsibility for all teaching and learning relating to the
Maori dimensions of knowledge.

Legitimacy

UNITEC believes that each partner has a legitimate
right to be here, to speak freely in either language,
and to put its resources to use for the
benefit of all.

Guardianship

UNITEC accepts responsibility
as a critical guardian
of knowledge.

Co-operation

UNITEC affirms that a spirit of
generosity and co-operation will
guide all its actions.

Respect

UNITEC values each partner's heritage
and customs, current needs
and future aspirations.

Maori and Pakeha working together
within UNITEC.

statement of responsibility

Statement of Responsibility for the Year Ended 31 December 2000

In the financial year ended 31 December 2000, the Council and management of UNITEC Institute of Technology were responsible for:

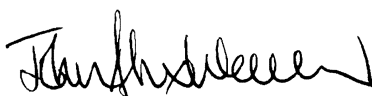
- The preparation of the financial statements and the judgements used therein
- Establishing and maintaining a system of internal control designed to provide reasonable assurance as to the integrity and reliability of financial reporting.

In the opinion of Council and management of UNITEC Institute of Technology, the Financial Statements for the financial year fairly reflect the financial position and operations of UNITEC Institute of Technology.




J Robb

Chairman of Council



Dr J A Webster

President and Chief Executive



O T Burnside

Vice-President, Finance

Date: 27 April 2001

report of the **audit office**



To the Readers of the Financial Statements of UNITEC Institute of Technology and Group for the Year Ended 31 December 2000. We have audited the financial statements on pages 16 to 67. The financial statements provide information about the past financial and service performance of UNITEC Institute of Technology and Group and its financial position as at 31 December 2000. This information is stated in accordance and group with the accounting policies set out on pages 53 to 55.

Responsibilities of the Council. The Public Finance Act 1989 requires the Council to prepare financial statements in accordance with generally accepted accounting practice which fairly reflect the financial position of UNITEC Institute of Technology and Group as at 31 December 2000, the results of its operations and cash flows and the service performance achievements for the year ended 31 December 2000.

Auditor's Responsibilities. Section 43(1) of the Public Finance Act 1989 requires the Audit Office to audit the financial statements presented by the Council. It is the responsibility of the Audit Office to express an independent opinion on the financial statements and report its opinion to you.

The Controller and Auditor-General has appointed B H Halford, of Audit New Zealand, to undertake the audit.

Basis of Opinion. An audit includes examining, on a test basis, evidence relevant to the amounts and disclosures in the financial statements. It also includes assessing:

- the significant estimates and judgments made by the Council in the preparation of the financial statements; and
- whether the accounting policies are appropriate to UNITEC Institute of Technology and Group's circumstances, consistently applied and adequately disclosed.

We conducted our audit in accordance with generally accepted auditing standards including the Auditing Standards issued by the Institute of Chartered Accountants of New Zealand. We planned and performed our audit so as to obtain all the information and explanations which we considered necessary in order to provide us with sufficient evidence to give reasonable assurance that the financial statements are free from material misstatements, whether caused by fraud or error. In forming our opinion, we also evaluated the overall adequacy of the presentation of information in the financial statements.

During the course of the year we seconded resources to assist in monitoring the implementation of a new information system. Other than this service, and in our capacity as auditor acting on behalf of the Controller and Auditor-General, we have no relationship with or interests in UNITEC Institute of Technology or any of its subsidiaries.

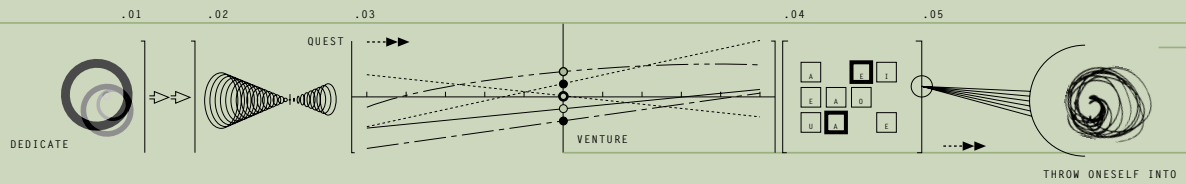
Unqualified Opinion. We have obtained all the information and explanations we have required.

In our opinion the financial statements of UNITEC Institute of Technology and Group on pages 16 to 67:

- comply with generally accepted accounting practice;
- fairly reflect:
 - the financial position as at 31 December 2000;
 - the results of its operations and cash flows for the year ended on that date; and
 - the service performance achievements in relation to the performance targets and other measures adopted for the year ended on 31 December 2000.

Our audit was completed on 27 April 2001 and our unqualified audit opinion is expressed as at that date.

B H Halford
 Audit New Zealand
 On behalf of the Controller and Auditor-General
 Auckland, New Zealand



corporateperformancestatements

For the year ended 31 December 2000

Pg No 17
UNITEC

.01 COMMITMENT

n. 1. the act of committing. 2. the state of being committed. 3. that to which one has committed oneself; a pledge. * the verb form "to commit" means to give in trust or charge; entrust; consign.*

statement of objectives

2000 Corporate Goals and Objectives

Goal 1. To be recognised as a university of technology.

UNITEC plans to become a distinctive university, appropriately named a university of technology, with a focus on applied, vocational and interdisciplinary programmes supported by applied research and strong industry interaction, in a high-quality, flexible-learning environment. UNITEC will continue to offer programmes at all levels from skills-based certificates through to postgraduate degrees in a wide range of disciplines.

Objectives

1.1 To meet the quantitative NZQA university guidelines by:

- Increasing the number of programmes offered and EFTS enrolled at postgraduate level
- Increasing the number of programmes offered and EFTS enrolled at undergraduate level
- Maintaining level 4 and 5 EFTS.*

1.2 To meet the general NZQA university guidelines by:

- Increasing research outputs
- Increasing international associations
- Improving the academic qualifications of staff
- Increasing the learning and research resources of the Wagener Library.

Goal 2. To grow by offering a wide range of applied programmes at certificate, diploma, and undergraduate and postgraduate degree levels.

UNITEC plans to promote growth and increased participation in tertiary education by offering a wide range of applied programmes at all academic levels. This will take place through extensive industry consultation to ensure relevance and currency. Particular emphasis will be placed on staircasing and articulation between qualifications to ensure that all students have the opportunity to meet their learning goals.

Objectives

2.1 To meet the total and bulk-funded EFTS enrolment targets by faculty by:

- Increasing school leaver enrolments
- Offering new undergraduate and postgraduate degrees
- Increasing international EFTS from new markets
- Replacing lost Industry Training Organisation (ITO) EFTS by bulk-funded EFTS.

2.2 To achieve balanced growth in subdegree, undergraduate, and postgraduate degree programmes by:

- Offering new undergraduate and postgraduate degrees
- Maintaining level 4 and 5 EFTS.*

Goal 3. To undertake applied research which informs teaching and improves practice.

UNITEC is committed to the development of a research culture that supports and encourages staff and student research. The Institute's Research Plan emphasises applied research which informs teaching, especially at degree level, and contributes to practice in the wider community. Increasing emphasis will be placed on meeting international standards for research outputs, and generating income from external sources to support ongoing growth in research activity.

Objectives

3.1 To increase research outputs in all categories by:

- Increasing research funding
- Promoting research efficiency.

3.2 To meet international standards of excellence in research by:

- Increasing research outputs via international media
- Establishing research 'centres of excellence'
- Running international conferences at UNITEC.

3.3 To promote an industry focus and increase external funding by:

- Increasing research grant applications.

Goal 4. To assure the quality and relevance of our programmes and their delivery.

UNITEC has implemented a comprehensive Quality Management System to assure the quality of all aspects of its activities, and satisfy the quality requirements of key stakeholders. Central to the Institute's quality initiatives is the UNI Q Project and the establishment of a Five Point Plan for Quality, incorporating a quality commitment to students, a comprehensive course and lecturer evaluation process (SEQUAL), and an essential feedback loop for quality improvement.

Objectives

4.1 To achieve external approval and accreditation for all submitted programmes by:

- Rigorous implementation of UNITEC's Quality Management System.

4.2 To achieve improved ratings for SEQUAL teaching and course evaluations by:

- Evaluating all courses and all lecturers each semester
- Incorporating feedback into Green Cards for all courses.

4.3 To monitor and improve the satisfaction of students with service provision by :

- Surveying students on a biennial basis.

4.4 To monitor the employment progress and satisfaction of students after their graduation by:

- Undertaking a Graduate Survey on an annual basis.

4.5 To increase the application of technology to student learning by:

- Increasing the number of courses available online
- Expanding the use of multi-media.

* UNITEC provides eight levels of progression. Levels 3 to 5 equate to trade and technician training. Level 6 comprises more advanced technical and business qualifications. Levels 7 and 8 equate to more advanced qualifications of graduate and postgraduate standard

4.6 To maintain the relevance and viability of proposed and existing programmes by:

- Undertaking annual programme viability analysis for all programmes
- Maintaining high quality advisory committees for all disciplines.

Goal 5. To provide support and equal educational opportunities for our students. UNITEC plans to enhance its provision of services for intending and existing students that assist them to make decisions about their education and career options, with special provision for students from groups under-represented in tertiary education. In addition UNITEC will maintain specialist services for students in areas such as learning support and employment assistance, and specialist facilities such as sport and recreation, and internet/computer access.

Objectives

5.1 To increase Pacific Island enrolments to at least 12 percent total enrolments by 2001 by:

- Improving liaison and campus support.

5.2 To meet targeted enrolments for women by:

- Encouraging enrolments in non-traditional programmes.

5.3 To meet targeted enrolments for disabled students by:

- Effective utilisation of the Special Supplementary Grant (SSG) for students with disabilities.

5.4 To provide assistance to students experiencing financial hardship by:

- Administering a hardship fund.

Goal 6. To increase Maori participation and success in our programmes. UNITEC seeks to honour the Treaty of Waitangi through the support and encouragement it provides for Maori to participate and succeed in their tertiary education. Central to this goal is the establishment of Maia, the Maori Development Centre, at UNITEC, with the mission to encourage, support and guide Maori students, and work in partnership with faculties to increase Maori enrolments and retention.

Objectives

To increase Maori participation and success in UNITEC programmes through achievement of the Maori Participation Plan, by:

- Providing a supportive environment for Maori
- Offering programmes and programme delivery methods that are responsive to Maori
- Providing support to Maori students to enhance their prospects of succeeding
- Marketing programmes and liaising with the community to increase Maori knowledge of UNITEC and its programmes.

Goal 7. To procure and manage the physical and financial resources of the Institute effectively and efficiently. UNITEC places primary importance on the efficient and

effective management of its resources by sound strategic, financial, and facilities planning, and a recognition of the importance of meeting both internal and external accountability requirements.

Objectives

7.1 To meet key financial performance targets by:

- Setting and monitoring budgets
- Careful management of capital assets
- Generating efficiency and productivity gains
- Increasing non-Ministry of Education (MoE) income streams.

7.2 To meet key physical resource targets by:

- Maximising use of existing accommodation
- Monitoring use against Australasian Association of Higher Education Facilities Officers (AAPFA) benchmarking.

7.3 To meet external requirements for accountability by:

- Preparing the Statement of Objectives for MoE approval
- Publishing the Annual Report within legislated timelines.

Goal 8. To support and develop our staff and acknowledge their performance. UNITEC recognises the fundamental role that staff play in the prosecution of its mission. It places fundamental importance on annual performance reviews coupled with relevant staff development and training, and provides a range of professional support mechanisms, including financial support for staff furthering their qualifications, and those presenting their research findings internationally.

Objectives

8.1 To provide appropriate staff development opportunities to all staff by:

- Offering a comprehensive in-house staff development programme
- Supporting staff upgrade their qualifications
- Linking staff development to UNI Q initiatives.

8.2 To acknowledge and recognise excellent staff performance by:

- Annual performance review
- Annual staff awards
- Annual staff opinion survey.

8.3 To meet Institute Equal Employment Opportunity (EEO) targets by:

- Implementing the 2000 EEO Plan.

Output Classes

Each year UNITEC receives EFTS funding from the Ministry of Education for the delivery of education, training, and accompanying research. The output classes under which UNITEC receives funding are:

1. Tertiary Education and Training: undergraduate courses
2. Tertiary Education and Training: postgraduate courses
3. Teacher Education and Training.

In addition to Ministry of Education funding UNITEC also provides programmes which are fully funded by the consumer and other funding agencies under output classes four and five:

4. Training for Designated Groups
5. Tertiary Education and Training: full cost recovery.

These classes of output contribute to the following government outcomes:

- Excellence in tertiary education, postgraduate study and research
- Attainment of qualifications to enable all to participate successfully in the changing technological and economic environment
- A highly skilled workforce at enterprise and industry level to enhance New Zealand's international competitiveness
- Equality of educational opportunity for all to reach their potential and take their full place in society
- Success in learning for those with special needs
- Full participation and achievement of Maori in all areas of education
- Improvements in the effectiveness and efficiency of resource use in education.

Achievement of the Statement of Objectives

The achievement of the 2000 Statement of Objectives is detailed in the following sections of this annual report:

- The Year in Review, which provides a broad narrative of the Institute's overall performance in 2000 (pages 4 to 14)
- Corporate Outputs (pages 18 to 19)
- 2000 Achievements, which provides a summary statement of corporate service performance (pages 20 to 38)
- Performance statements and cost of services statements for the Applied Technology Institute, each of the Institute's four faculties and the Wagener Library (pages 40 to 50).

corporate outputs

Output Class 1: Tertiary Education and Training – Undergraduate Courses

		2000 Actual	2000 Target	1999 Actual
Quantity	Actual EFTS: target EFTS	0.92	>1	0.92
	Growth in EFTS	(3.8%)	5%	6%
	Total EFTS	5,977	6,528	6,216
Quality	Local approvals: submissions			
	NZQA/NZPPC approvals: evaluations	100%	100%	100%
	Accreditation approvals: applications	100%	100%	100%
	Percentage of programmes (>0.5 EFTS) evaluated	100%	100%	100%
Cost	Total cost (\$m)	55.213	39.717	54.061
	Operating cost: EFTS (\$)	9,238	9,156	8,697

Output Class 2: Tertiary Education and Training – Postgraduate Courses

		2000 Actual	2000 Target	1999 Actual
Quantity	Actual EFTS: target EFTS	1.12	>1	1.04
	Growth in EFTS	72.9%	60.5%	25.2%
	Total EFTS	128	119	74*
Quality	Course approvals: evaluations	100%	100%	100%
	Percentage of programmes (>0.5 EFTS) evaluated	100%	100%	100%
Cost	Total cost (\$m)	1.091	1.045	0.605
	Operating cost: EFTS (\$)	8,524	8,781	8,173

* This figure does not include 29 EFTS for the University of Technology Sydney Master of Project Management degree

Output Class 3: Teacher Education and Training

		2000 Actual	2000 Target	1999 Actual
Quantity	Actual EFTS: target EFTS	0.56	>1	1.14
	Growth in EFTS	(42.5%)	1%	45.5%
	Total EFTS	46	81	80
Quality	Approvals: evaluations	100%	100%	100%
	Percentage of programmes (>0.5 EFTS) evaluated	100%	100%	100%
Cost	Total cost (\$m)	0.358	0.682	0.598
	Operating cost: EFTS (\$)	7,772	8,415	7,472

Output Class 4: Training for Designated Groups

		2000 Actual	2000 Target	1999 Actual
Quantity	Actual EFTS: target EFTS	1.36	>1	0.77
	Growth in EFTS	(3.1%)	(45.5%)	(58.3%)
	Total EFTS	183	134	189
Quality	Course approvals: evaluations	100%	100%	100%
	Percentage of programmes (>0.5 EFTS) evaluated	100%	100%	100%
Cost	Total cost (\$m)	1.622	1.181	1.618
	Operating cost: EFTS (\$)	8,861	8,813	8,563

Output Class 5: Tertiary Education and Training – Full Cost Recovery

		2000 Actual	2000 Target	1999 Actual
Quantity	Actual EFTS: target EFTS	2.13	>1	1.82
	Growth in EFTS	68.4%	44%	6.2%
	Total EFTS	1,290	605	766
Quality	Course approvals: evaluations	100%	100%	100%
	Percentage of programmes (>0.5 EFTS) evaluated	100%	100%	100%
Cost	Total cost (\$m)	10.521	5.324	6.153
	Operating cost: EFTS (\$)	8,156	8,799	8,033

Output Classes 1, 2, 3, 4 and 5: Time and Location

Time: The reporting of performance targets for 2000 relates to activities completed within that year.

Location: Most activities in relation to the performance indicators took place on campus at UNITEC Institute of Technology, Carrington Road, Mount Albert, Auckland, with some Full Cost Recovery Training carried out in rented premises within the greater Auckland area.

2000 achievements

Goal 1. To be recognised as a university of technology. While UNITEC has not yet received university status, it achieved and exceeded many of its 2000 targets and is well on the way to meeting NZQA University Guidelines.

Achievements

1.1 NZQA University Quantitative Guidelines

	2000 Actual	2000 Target	1999 Actual
Percentage of EFTS at level 6 and above	57%	51%	47%
Percentage of EFTS in degrees (incl. postgraduate)	55%	45%	44%
Percentage of EFTS in postgraduate programmes	4%	3%	2%
Number of postgraduate degrees (level 8) [#]	6	9	4
Number of undergraduate degrees [*]	33	37	28
Number of diplomas offered (level 6)	12	13	10
Number of diplomas and certificates offered (levels 3-5)	65	58	78
New postgraduate programmes approved for development	7	4	3
EFTS at postgraduate level	128	119	74 ^{**}
EFTS at undergraduate level	3,427	3,223	3,202

[#] This includes BIC Honours

^{*} This includes majors

^{**} This figure does not include 29 EFTS for the University of Technology Sydney Master of Project Management degree

Note: The percentage of EFTS at level 6 and above, and the percentage of EFTS in degrees, is calculated by counting the EFTS of the four degree-teaching faculties excluding STAR and self-funded non-formal programmes

1.2 General NZQA University Guidelines

	2000 Actual	2000 Target	1999 Actual
Number of weighted research outputs	678	550	628
Percentage of staff with postgraduate quals	40%	37%	40%
Number of professorial positions	8	8	5
Number of adjunct professors appointed	19	8	5
Percentage increase in library book stock	10%	11%	10%
Percentage increase in library periodic subs	0.2%	25%	-

Range of Programmes. UNITEC as 'Tomorrow's University' is able to offer a true multi-level approach to tertiary education with postgraduate to vocational programmes. The range of UNITEC's programmes allows it to cater for a wide body of students from diverse backgrounds and experiences. Students wishing to upskill or return to study may do so in a variety of ways including staircasing or bridging programmes. UNITEC continued to increase its degree and research base over 1999 levels with a further masters programme, a new postgraduate diploma as well as seven further bachelors programmes.

Number of Programmes Offered

Programme Level	2000	1999	1998	1997
Masters	5	4	3	1
Postgraduate diploma	4	2	-	-
Bachelors #	34	28	28	16
Graduate diploma	6	5	7	11
Diploma	25	22	19	28
Graduate certificate	0	2	2	-
Certificate	52	66	68	80
Total	126	129	127	136

This includes majors and BIC Honours

Goal 2. To grow by offering a wide range of applied programmes at certificate, diploma, and undergraduate and postgraduate degree levels

Achievements

In 2000 UNITEC continued to foster and develop its links with secondary schools and their students. UNITEC has established close working relationships with schools throughout most of the upper North Island. School leavers are an integral part of UNITEC's future and so planning to meet their needs and those of their potential employers has always been important. Developing a wide range of applied programmes at all levels and being able to provide students with real choices leading to future employment is a key aim in UNITEC's growth. *Futurework* was launched in 2000 and specifically seeks to provide students with an accurate guide to new job opportunities and markets.

Almost 500 prospective students from various secondary schools visited UNITEC in 2000 as part of the Student for a Day (SFAD) scheme. UNITEC established the SFAD scheme in 1994 with such success that Manukau Institute of Technology (MIT) and Auckland University of Technology (AUT) have tried to set up similar, but less successful schemes. SFAD has yielded results for UNITEC; of the visitors in 1999, 25 percent have enrolled in programmes. A new feature for 2000 has been the number of adults taking advantage of the programme.

The Secondary Tertiary Alignment Resource (STAR) programme attracted 46 schools in 2000 producing income of \$217,000. These schools included 12 rural institutions ranging from Napier to Okaihau in Northland. While 60 senior STAR courses were taught off-site, on UNITEC campus five senior STAR courses were taught with a total of 84 students. In addition, there were also 34 vocational tasters taught on site.

In 2000 UNITEC introduced a new initiative to assist its liaison with schools throughout the North Island. Careers advisors were invited to apply for Careers Grants of up to \$1,500. From the applications for this Grant, 27 schools were awarded amounts ranging from \$500 to \$1,500. Many of the grants provide the opportunity for students to develop skills in goal-setting, motivation, exam confidence, access to local role models and the means to visit UNITEC, businesses and industry. This is particularly important for rural and minority students who may be prevented by a number of barriers, including financial ones, from realising career aspirations through tertiary education.

2.1 Meeting Total and Bulk-funded EFTS Enrolment Targets. UNITEC determines the demand for programmes and student growth based on the number of Equivalent Full-time Students (EFTS) it receives each year. Each year the EFTS are subsidised by the Ministry of Education (MoE), as well as several other funding bodies, depending on the category and nature of study and course classification.

In 2000 UNITEC sought to meet a target of 6,722 MoE EFTS. The total target for EFTS from all sources was set at 7,461. Despite a growth rate of 4 percent it was a difficult year for UNITEC in 2000 with continued uncertainty in the local and international economy, and fewer students entering tertiary education. Consequently, UNITEC experienced a decline in the number of Equivalent Full-Time Students (EFTS) and did not achieve its Ministry of Education target. However, UNITEC did exceed its total EFTS target by 162 EFTS and exceeded 1999 levels by 298 EFTS which was very encouraging. Much of this growth was a result of a considerable increase in the number of international EFTS which helped the Institute exceed its overall target.

Ministry of Education-funded EFTS (Course Classification)

	2000 Actual	2000 Target	1999 Actual
Agriculture, horticulture	144	218	207
Architecture, building	587	614	579
Arts, humanities	1,263	1,361	1,237
Business	1,304	1,466	1,468
Community, general	162	121	126
Computing	380	390	362
Engineering, technology	163	182	176
Doctoral/Honours*	0	0	47
Fine arts, design	565	664	584
Music	186	191	165
Nursing (incl. diagnostic imaging and health-related professionals)	398	385	382
Science	201	212	177
Teaching	46	81	83
Trades	752	837	777
Subtotal	6,151	6,722	6,370
EFTS From Other Funding Sources			
TOP	71	65	69
Skills Enhancement New Zealand (SNZ)	39	12	0
SNZ/ITO/RHA	53	52	106
STAR	19	5	14
Full cost recovery	1,290	605	766
Subtotal	1,472	739	955
Total	7,623	7,461	7,325

* Funding for postgraduate courses including wholly research has now been incorporated within the various course classifications

	2000 Actual	2000 Target	1999 Actual
Percentage growth in total EFTS	4%	4%	3%
Percentage growth in MoE bulk-funded EFTS	(3.4%)	5.5%	7%

International Students. UNITEC as 'Tomorrow's University' is committed to being a provider of high quality tertiary education that can be accessed and recognised anywhere in the world. Education is a global commodity and UNITEC's outlook is one of internationalisation. Accordingly, UNITEC embraces international students and encourages student exchange.

In 2000, UNITEC had 1,209 international EFTS, 16 percent of its total EFTS. This is an increase of 559 international EFTS over 1999 levels, an 86 percent increase. It was 216 percent over the target for the year. Many of these students are from South-East Asia, with China and India being the main countries of origin. In recognition of this, UNITEC's staff and Council presented the Head of the Centre for International Education, Jude Lydia, with an award for Excellence for Service Provision. UNITEC is increasingly attracting students from Germany, Norway, and Sweden. There has also been an increase in the number of exchange and study-abroad students.

	2000 Actual	2000 Target	1999 Actual
Total EFTS	7,623	7,461	7,325
International students (EFTS)	1,209	558	650
Percentage of total EFTS	16%	7%	9%

ITO Contracts. The number of Industry Training Organisation (ITO) contracts has been declining over recent years as UNITEC is largely able to train many of its own students to a quality and standard superior to that available externally. Nonetheless, UNITEC still successfully competes for ITO contracts.

UNITEC bid for three ITO contracts in 2000 and received all of them. The three ITO contracts awarded to UNITEC were valued at \$120,298. While one less than the total in 1999, they were worth twice as much. The ITO contracts were in the following industries:

- Plumbing and gasfitting
- Joinery
- Boating.

2.2 Balanced Growth in Sub-degree, Undergraduate and Postgraduate Degree Programmes

	2000 Actual	2000 Target	1999 Actual
Percentage of EFTS at level 6 and above	57%	51%	47%
Percentage of EFTS in degrees	55%	45%	44%
Percentage of EFTS in postgraduate programmes	4%	3 %	2%

Degree-level Awards. In 2000 there was another increase in the number of students graduating with degree-level qualifications. The growth in postgraduate programmes has been a further stage in UNITEC's development as a higher education institution and therefore it is appropriate to include the numbers of graduands from masters degrees and postgraduate diplomas. UNITEC's graduands will participate in two ceremonies in April 2001.

Number of Completions

Qualification	2000	1999
Masters degrees	5	1
Postgraduate diplomas	31	18
Bachelors degrees	544	415
Graduate diplomas/certificates	57	82
Total	637	516

Goal 3. To undertake applied research which informs teaching and improves practice

Achievements

3.1 Research Outputs

	2000 Actual	2000 Target	1999 Actual
Number of weighted outputs	678	550	628
UNITEC Internal Research Fund	\$0.72m	\$0.7m	\$0.7m
Number of wholly postgraduate research students [#]	46	15	-

3.2 International Research Standards of Excellence

Number of international publications	166	95	170
Number of international presentations or exhibitions	105	120	138
International conferences hosted	-	4	2
Number of professorial positions	8	8	5

3.3 Industry Focus and External Funding

External research grant income [*]	\$1.14m	\$1m	\$0.9m
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[#] This refers to students undertaking thesis study

^{*} Research income is for the eighteen month 1 July 1999 to 31 December 2000 in order to bring reporting into the calendar year. Previously reporting was to the year ended 30 June

Research. What constitutes research excellence or research performance indicators is the subject of debate around the country and the globe. The problem is that research can be defined in many ways, depending on the orientation of the definer. For UNITEC, teaching and performing research in many different disciplines, it is extremely pleasing to see that members of our staff and student body have been recognised by external parties as achieving research excellence in various fields. Education, Design, and Plant Science have featured in national and international awards, and the number of invited papers and contributions is increasing in all areas. Topics covered in the latter range from gene technology to cyber-operations. Further acknowledgements of expertise and contribution are in the appointments of staff members to national and international councils (e.g. Business Communication, Royal Society of New Zealand) and the growing number of media contacts. The role of critic and conscience of society is one that UNITEC takes seriously and encourages.

Internally, UNITEC research culture has been fostered by the Research Fund, by the establishment of Key Centres for Teaching and Research, and funding for strategic initiatives.

In July our first scholarship PhD student enrolled with RMIT. Maria Castle, a Lincoln University graduate, is working on a research project at Ruakura Research Centre, funded by AgResearch and supervised by staff from AgResearch, UNITEC, and RMIT. Her project, investigating nitrogen fixation in white clover at low temperatures, is an example of the applied research and research links that will provide a model for the future.

In 2001 UNITEC will be enrolling students into PhDs in Education. The acknowledgement that our staff have the capability to deliver degrees at this level has been a highpoint for 2000, and will be a focus for expansion in the future.

UNITEC Research Profile

	2000	1999
Book	8	9
Book chapter	23	24
Conference proceedings	114	114
Journal	138	121
Report	20	17
Thesis	14	26
Patent	-	1
Software	-	2
Applied design/creative work	35	6
Exhibition/performance	84	104
Presentation	314	224
General media	73	146
Educational texts	2	14
Interviews	23	9
Total	848	817
Number and Proportion of Outputs		
Refereed	137 (16%)	130 (15.9%)
Multi-authored outputs	188 (28%)	153 (18.7%)
Outputs presented overseas	166 (19.5%)	171 (20.9%)

Note: Publication figures for 2000 are provisional. 1999 figures have been updated to reflect the confirmed result

Goal 4. To assure the quality and relevance of our programmes and their delivery

Achievements

The quality of its programmes and their delivery is paramount to UNITEC. UNITEC's quality management systems are of a very high standard, and are continuously updated and improved to give students and other stakeholders the best possible quality education and services. The comprehensive systems include the Student Evaluation of Quality and Learning (SEQUAL), the Green Card (where students know what to expect when taking a course), and Annual Programme Reports which monitor quality on several levels.

UNITEC continued to implement and improve its Quality Management System, including the Five Point Plan for Quality, at all levels of the institution. A feature of this was the implementation across all five faculties of a project designed to enhance Teaching, Learning and Assessment, led by Adjunct Professor Andrew Gonczi from UTS Sydney, Australia. In addition evaluations of quality in its programmes continued using the Student Evaluation of Quality and Learning (SEQUAL) and a variety of other measures such as national and international professional accreditation bodies and annual programme reports.

4.1 External Programme Approval and Accreditation. The major highlight in UNITEC's success and maturity in programme approval was the approval by an NZQA evaluation panel for UNITEC's Academic Board to be responsible for monitoring the quality of its own degrees from date of approval. This is a first for a New Zealand tertiary institution and a testament to the robustness and standard of UNITEC's quality systems. UNITEC had a great year with its external programmes in 2000 with the successful approval of a PhD in Education, two new masters programmes (Master of Business Innovation and Entrepreneurship and Master of Education), and the Diploma in Applied Technology.

UNITEC also continued its involvement with national and international professional accreditation bodies. The Medical Radiation Technologists Board (MRTB) gave a maximum three year recognition for Bachelor of Health Science (Medical Imaging) graduates.

In 2000 Academic Board received 12 new programmes of which eight were approved by NZQA/NZPPC with another four in progress. Following a successful audit by NZPPC, UNITEC's Academic Board was granted the delegated authority to approve its own new diploma and certificate programmes. In addition NZPPC gave an extension of accreditation for a significant portion of UNITEC's academic activity (24 programmes, subfield/domain accreditations).

New Programme Approvals

Number of New Programmes Submitted to Academic Board*	2000 Local Approvals	2000 NZQA/NZPPC Approvals	Total Approvals	2000 In Progress
12	nil	8	8	4

* Note: Separate majors are counted as individual degrees. UNITEC degrees tend to be less generic than those typical of the university sector and each new major requires separate approval from NZQA

Target	2000 Actual	2000 Target	1999 Actual
Percentage local approvals: submissions	Nil	100%	100%
Percentage NZQA approvals: submissions	50%*	100%	100%
Percentage NZPPC approvals: submissions	83%**	100%	100%
Percentage international accreditations: submissions	Nil	100%	100%

* Six programmes were submitted to NZQA and three were approved

** Six programmes were submitted to NZPPC of which five were approved

4.2 SEQUAL Ratings for Teaching and Course Evaluations. Quality is an essential and integral feature of all UNITEC's operations, especially in the provision of the education programmes and services it delivers to its 16,000 students. The standard of quality in its programmes and services is monitored by key surveys conducted by the Corporate Research Unit, which help UNITEC assess where it is doing well or where it can improve the campus experience for all students. The key surveys are the Student Evaluation of Quality and Learning (SEQUAL), the Student Satisfaction Survey and the Graduate Survey. SEQUAL, the largest internal survey, uses three evaluation instruments and a five point scale (5=highest). In 2000 over 65,000 SEQUAL forms were processed as part of the evaluation process, with a slight increase in the overall teaching mean. The main aim of SEQUAL is to assist in the quality of teaching through continuous improvement.

SEQUAL Overall Means

	2000	1999
SEQUAL Evaluation Instruments	Overall UNITEC Mean (Five Point Scale)	
Courses	3.61	3.61
Teaching	3.88	3.87

SEQUAL Coverage Overall

	2000 Semester 1	2000 Semester 2	1999 Semester 1	1999 Semester 2
Lecturer Evaluations				
Total student responses	16,486	20,640	16,920	23,283
Total no. of lecturers	488	621	453	574
Programme/Course Evaluations				
Total student responses	13,575	15,286	13,101	17,217
Total no. of programmes	75	85	74	94
Total no. of courses	604	743	518	804

4.3 Student Satisfaction with Service Provision. Evaluating how satisfied students are with their course, services and the extent to which they have been successful in finding jobs or further study after completion of a UNITEC course is analysed by UNITEC each year to ensure it is providing and meeting student demand. In 2000 this was assessed by two main surveys:

- Student Satisfaction Survey
- Graduate Survey.

The Student Satisfaction Survey was conducted using a random sample of UNITEC's student population enrolled in semester two. The Student Satisfaction Survey focused on eight main areas of student service provision. Overall the extent of student satisfaction with the eight core UNITEC services was very high with, for example, 91.1 percent of respondents being satisfied or very satisfied with the library, and 88.8 percent being satisfied or very satisfied with campus facilities. Enrolled students who were selected for the survey were also sent a list of the actions that were carried out as a result of the 1999 survey. This was to demonstrate UNITEC's commitment to giving its students value for money, quality and the best campus experience.

Student Satisfaction Survey 2000 – Overall Satisfaction with Services and Facilities

	2000 Actual	2000 Target	1999 Actual
Mean Score	3.8	3.7	3.6

4.4 Employment Progress and Student Satisfaction after Graduation. The progress of UNITEC's graduates is assessed annually by the Graduate Survey. The Survey is sent to all UNITEC graduates approximately 6 months after completing a programme of 34 weeks or more. Most graduates complete their programme of study in the year preceding graduation; thus the 2000 Survey was evaluating 1999 graduates. The Survey looks at the manner in which UNITEC graduates have found employment, whether that employment was related to their programme of study, and other important benchmark data such as median salaries, further study and their responses to the Course Experience Questionnaire (CEQ).

In the 2000 Survey, respondents from 67 programmes were analysed. Of the respondents, 34 percent were males and 66 percent females, with the largest age group being between 20 – 24. Other highlights included:

- Seventy-three percent of respondents stated that their full-time employment was highly related to UNITEC qualifications.
- Forty percent of graduates were earning between \$25,000 – \$ 34,000 in full-time employment, an increase of 5 percent over 1998 graduates.
- Fifty-four percent of students were currently enrolled and had continued their studies at UNITEC. This was the same level as in the 1999 Graduate Survey. Seventy-six percent of Business graduates chose UNITEC to continue their further studies.

The overall satisfaction with UNITEC programmes was measured by the CEQ. The CEQ instrument is designed to gather information on graduates' perceptions of their learning experience. The instrument has 25 items and contains five scales as well as an overall satisfaction item.

Graduate Survey 2000

	2000 Actual	2000 Target	1999 Actual
Percentage of students progressing to employment or further education	88%	90%	93%

Employment Progress

	2000	1999
Working only	56%	57%
Studying only	12%	13%
Working and studying	20%	23%
Looking for work	7%	N/A
Unavailable for work	5%	7%

Course Experience Questionnaire Summary

	2000 Actual	2000 Target	1999 Actual
Overall satisfaction with the quality of the programme*	3.73	3.80	3.80

* Five point scale (5= highest)

4.5 Application of Technology and Student Learning. UNITEC remains at the forefront of flexible and learning technologies with its adoption and development of web-course management systems as well as new interactive media such as digital versatile disc, WAP (Wireless Application Protocol), iMovie software for digital video production, webcast technology, e-books and voice-recognition software. UNITEC first began evaluating web-based courses in 1998, and by the end of 2000 had almost 300 courses and shells under development. The number of courses and students accessing course material is likely to increase rapidly over the next few years, as will their expectations of support, consistency of interface and quality.

In 2000, progress in innovative learning to support student learning was made in a number of key areas. Groups of three computers or cyberpods were placed adjacent to the student cafeteria to provide students with free internet surfing. There was also an upgrading of multimedia learning environments in the Drop-in Centre, with 20 new computers and other digital resources being made available. A new and larger Drop-in Centre was also opened in 2000 with a mix of 65 PCs and Mac computers. This provided free access for all students and was open 24 hours a day. As well as the increase of online courses to 300 (of which 190 are operational), there was also an evaluation and introduction of e-books in learning environments. The e-book is a portable, electronic book unit which can store up to 350 full-size books.

Once again, increased resources were allocated to provide further computer workstations for students. The result is a further enhancement of the ratio of workstations per EFTS.

Computer Workstations and Multimedia

	2000 Actual	2000 Target	1999 Actual
EFTS	7,623	7,461	7,325
Number of computer workstations	1,088	996	946
EFTS: computer workstations	7.0:1	7.5:1	7.7:1
Number of courses offered online	190	120	100

4.6 Relevance and Viability of Proposed and Existing Programmes

	2000 Actual	2000 Target	1999 Actual
Percentage of programmes reviewed for viability	100%	100%	100%
Number of active advisory committees	43	42	44

Advisory committees are an important part of UNITEC's applied and 'real world' approach to teaching and learning. The advisory committees provide a direct link to industry and business and draw on the expertise of professionals and leaders to advance programme development and meet market demands. Community representation is also an essential part of advisory committees, enabling UNITEC to achieve a greater understanding of the diversity that is also a feature of its student body.

UNITEC had active representation from 43 advisory committees in most programmes of study and exceeded its target for 2000. There were new advisory committees in 2000, including the launch of the Fono Faufautua, the Pasifika Council. Fono Faufautua has membership from a wide range of people in the Pasifika community who have an interest and a belief in the quality of education provided by UNITEC to their students. The Fono Faufautua met with UNITEC's Chief Executive at its inaugural meeting in June and met with him monthly to discuss issues pertinent to their community. The meetings were well attended by several schools who sought advice on many issues surrounding the retention, marketing practices and teaching practices of Pasifika students. In 2001 the Fono Faufautua will work closely with the Director of Student Retention and Success to help develop new initiatives and policies for the retention of Pasifika students.

Applied Technology Institute

- Interior Systems
- Marine Technology
- Plumbing
- Carpentry
- Vehicle Technology
- Painting

Architecture and Design

- Architecture
- Construction Management and Quantity Surveying
- Master of Project Management
- Master of Design Management
- Three-Dimensional Design
- Performing and Screen Arts
- Product Design
- Critical Studies
- Visual Communication
- Interior
- Civil and Environmental Engineering

Business

- Accountancy, Law and Finance
- Applied Management
- Information Systems and Computing
- Business Administration

Health, Science and Technology

- Animal Technology
- Forensic Psychiatric Care
- Mental Health
- Health Science (Medical Imaging)
- Horticulture
- Landscape
- Land Surveying
- Nursing
- Resource Management
- Sports
- Osteopathic medicine

Arts and Social Sciences

- Communication
- Community Studies
- Special Needs
- Education
- Higher Education
- English and Applied Linguistics
- Languages (International)
- Maori Language and Culture
- Maori Weaving

Corporate

- Maori Education Runanga
- Fono Faufautua (Pasifika Council)

A full membership list for the 2000 Advisory Committees may be found on UNITEC's corporate web site, www.unitec.ac.nz as a sub-category under 'About UNITEC'.

Goal 5. To provide support and equal educational opportunities for our students

Achievements

One of UNITEC's strengths is being able to cater for and provide quality education and services to a diverse range of students. UNITEC encourages participation in its programmes from as many groups in the community as possible. Barriers to participation are actively removed, and UNITEC has put in place specific initiatives and policies to assist Maori, Pasifika, students with disabilities, and women so they can receive the full benefits of their educational experience.

UNITEC regards progression and development of women's education as an important part of its commitment to Equal Educational Opportunities. As well as appointing a Women's Education Adviser, UNITEC also co-ordinated a Women's Advisory Committee in 2000 with representatives campus-wide. In 2000 the Women's Advisory Committee dealt with safety issues and also established working links with unions on campus. The main issues for many female students in 2000 arose from legislative changes in the Department of Work and Income (DWI) which saw many women entering tertiary study for the first time. Consequently, this increased the demand for advocacy and mediation services, and liaison with DWI. Applications for women's scholarships also increased, particularly in the academic and hardship areas, with many of these directed to external agencies.

Te Tari Awhina, the Learning Support Centre, had a busy year in 2000 with more students visiting the Centre than in the previous year. In particular, there was an increase in the number of visits from students who identify as being of Pasifika descent and those who identify as being Chinese and Korean. In 2000 most demand was for support in Academic Reading and Writing, with Study Skills as a third popular area. A major initiative was the development of an online learning support service. This will provide an invaluable service for those studying online courses at UNITEC, for part-time students and for other students who find access to normal Te Tari Awhina services difficult.

There was a one percent increase in the number of EFTS as a proportion of total enrolments, with a small increase in the number of full-time students. This was reflected mainly in the increased numbers of males studying at UNITEC full-time. More female students studied at UNITEC on a part-time basis in 2000. UNITEC met its target in achieving 11 percent Pasifika enrolments, which is very satisfying. UNITEC's Pasifika Council, Fono Faufautua, and the work of the Pasifika co-ordinator will do much to build UNITEC's relationship with Pasifika students.

	2000 Total Enrolments	2000 Total EFTS	2000 %Total EFTS	1999 %Total EFTS
All Students				
Total students full-time	6,965	6,067	80%	79%
part-time	9,289	1,556	20%	21%
Total	16,254	7,623	100%	100%
Female full-time	3,193	2,779	46%	48%
part-time	4,379	815	52%	47%
Total	7,572	3,594	47%	47%
Male full-time	3,772	3,288	54%	52%
part-time	4,910	741	48%	53%
Total	8,682	4,029	53%	53%

5.1 Pacific Island Enrolments

	2000 %Actual EFTS	2000 %Target EFTS	1999 %Total EFTS
Pacific Island full-time	11	11	10
part-time	8	11	7
Percentage of total enrolments	11	11	11

5.2 Targeted Enrolments for Women

	2000 %Actual EFTS	2000 %Target EFTS	1999 %Total EFTS
Female full-time	46	49	48
part-time	52	49	47
Percentage of total enrolments	47	49	47

5.3 Targeted Enrolments for Disabled Students. In 2000 UNITEC received \$160,000 income from the Special Supplementary Grant (SSG) to assist and create opportunities for students with disabilities. As part of its commitment to reducing and minimising the barriers for students with disabilities in accordance with section 220 of the Education Act 1990, UNITEC used the SSG income as well as its own funds to increase participation and success of these students in its programmes.

UNITEC used the SSG income in 2000 to fund several initiatives, including a full-time Disabilities Liaison Co-ordinator, 21 part-time casual support staff providing one-to-one support, and the purchase of special equipment such as height-adjusted tables, dictaphones, and pocket spellcheckers.

	2000 Actual	2000 Target	1999 Actual
Number of students with disabilities	289	244	204
Special Supplementary Grant income (\$)	160,000	180,000	169,000

In 2000 UNITEC increased the provision of personal support for students with disabilities enrolled on campus. UNITEC exceeded its target of assisting total students with disabilities by 45. The shortfall between the SSG grant and the additional expenditure as a result of the extra student support was funded by UNITEC's own funds.

The Disabilities Liaison Co-ordinator and the casual support staff provided a total of 7,530 hours of one-to-one support for 107 students with disabilities participating in integrated programmes. The total expenditure for this personal support amounted to \$140,700. Of the students with disabilities that received support, 69 percent undertook full-time study in 2000.

	Staff	Areas of Integrated Support	Hours	Cost (\$)
	Disabilities Liaison 1	Notetakers	5,411.50	81,689
	Casual Support 21	Sign Language Interpreters	922.50	29,315
		Tutors	591.75	21,537
		Personal Care	604.75	8,163
Total	22		7,530.50	140,704

5.4 Assistance to Students Experiencing Financial Hardship. The UNITEC Student Hardship Fund provides assistance to students experiencing one-off financial difficulty, which affects their ability to attend their programme of study. Assistance is provided in the form of a grant (food and travel vouchers) or short-term financial aid. In 2000 UNITEC provided the entire funding for the Hardship Fund which amounted to \$55,000. The total allocations amounted to \$82,400 as student repayments allowed funds to be recycled to help other students in need. As a result UNITEC was able to surpass its target and assist 64 more students. The major difference in assisting students with financial difficulties in 2000 was the increased involvement of the Department of Work and Income (DWI) on campus. As a result, students experiencing difficulties sought assistance from the Department of Work and Income first. It is likely that the increased presence of DWI will remain at UNITEC for 2001 as the partnership will benefit those students that are in need.

UNITEC Hardship Fund Allocation

	2000 Actual	2000 Target	1999 Actual
Total allocations (\$)	82,400	50,000	66,861
Students assisted	564	400	437
Average allocation per student (\$)	146	125	153

Student Support – Direct Cost Per EFTS

	2000	1999
Net direct cost (\$)	1,379,960	1,330,869
EFTS	7,623	7,325
Net cost: EFTS (\$)	181	182

Goal 6. To increase Maori participation and success in UNITEC programmes

Achievements

In 2000 there was much effort to support and encourage Maori to participate and succeed in their programmes. Central to UNITEC's support of Maori students is Maia, the Maori Development Centre, which provides academic, cultural and pastoral support to all Maori students. Maia also looks to supporting and encouraging future students, so continued to strengthen its relationships with Maori community groups, including Waipareira, Hoani Waititi, Ngati Whatua and many tribal groups outside Auckland. A high priority in 2000 for Maia, working in conjunction with UNITEC schools, was monitoring the success and retention of Maori students. A milestone for UNITEC was the establishment of Te Puna Reo, a Maori language-immersion childcare centre, with full expectation that many of the children will enrol at UNITEC once they complete secondary school. There was an encouraging increase in the number of Maori students enrolled in mainstream programmes taking the Maori Language and Culture as part of their programmes of study. The retention and success of Maori students is an ongoing priority, and Maia expects to work closely with the new Director of Student Retention and Success when this person is appointed in 2001.

6.1 Maori Enrolments

	2000 %Actual EFTS	2000 %Target EFTS	1999 %Actual EFTS
Maori full-time	9	12	8
part-time	8	12	7
Percentage of total enrolments	9	12	8

6.2 Maori Student Retention and Success

	2000 Actual	2000 Target	1999 Actual
Maori (%) academic staff: total academic staff	6%	7%	6%
Number of Maori scholarships awarded*	83	40	30

* The total includes 37 Rangitahi Maia Programme students which were not included in 1999

In 2000 there were many Maori student successes. Some Maori students were assisted to achieve their aims by scholarships. There were 83 Maori scholarships awarded, including He Tohu Aroha scholarships given to 33 students across campus (two certificate, 16 diploma and 15 degree). A total of 13 Ngati Whatua/UNITEC scholarships were also awarded, and 37 students received funding for Rangatahi Maia programmes in Architecture and Carpentry and scholarships for Ngati Whatua.

In 2001 new Transpower/UNITEC Scholarships will be offered to students to the value of \$30,000. These Transpower/UNITEC scholarships will be targeted at Maori students returning to study through Foundation Studies and Maori students who pathway from kaupapa schools. There will also be an A+ Maori Health Scholarship to the value of \$2,500 for Nursing students. In addition the School of Information Systems and Computing Scholarship (SISC) will provide a scholarship in 2001 to the value of \$5,000.

Biculturalism. UNITEC has developed a document known as Te Noho Kotahitanga - The Partnership, which sets out five values based on our responsiveness to the Treaty of Waitangi. This document has been endorsed by the Council, by the UNITEC Maori Education Runanga, and by senior management. It is about Maori and pakeha working together in UNITEC. UNITEC's commitment to the Treaty of Waitangi was cemented even further by its signing of the Memorandum of Understanding with six of Auckland's iwi. The Memorandum of Understanding also recognises iwi status as tangata whenua. The MOU between iwi and UNITEC outlines the respective obligations and responsibilities of each party.

The UNITEC kaumatua and Council member, Sir John Turei, has been a leading figure in the developments now taking place at UNITEC. To honour his contribution to the Institute and to the community, a bridge was named and dedicated to him.

The Maori Partnership Plan aims to provide a supportive environment for Maori where they can participate and be successful in a wide range of programmes. UNITEC supports Maori aspirations to achieve in tertiary education, and more importantly is promoting Maori in all programmes and at many levels. As part of this process UNITEC also conducted a comprehensive review in 2000 examining the extent and nature of the Maori dimension in UNITEC programmes. Approval has been given to develop a Bachelor of Arts (Maori) and this may be followed in the future by Maori-based wholly research degrees.

The Maori Open Day is another successful UNITEC initiative to encourage participation of Maori in tertiary education. UNITEC also has a very good relationship with 10 high schools where there is extensive Maori liaison for targeted students. Furthermore, the Institute also has partnerships with both the Waipareira Trust as well as Te Runanga O Ngati Whatua whereby Maori students from those bodies are staircased through to UNITEC programmes. UNITEC also values its relationships with iwi organisations as far away as Gisborne, Rotorua, Tauranga and Northland.

Progress was made on the Marae project which will be the cultural heart of UNITEC. After much consultation with local tangata whenua it is now expected that building work will commence on the marae in 2001. Many craftspeople and artists will be involved in the building and carving of the marae and it will bring together many peoples as one. In the development of existing or new buildings provision is made to incorporate Maori features such as an academy of whakairo, fabrics, traditional crafts and Maori research. UNITEC has also been instrumental in providing operations under Maori protocol, such as in Maia, the Maori Development Centre; Nursing; and Architecture.

Goal 7. To procure and manage the physical and financial resources of the institute effectively and efficiently

Achievements

UNITEC has consistently deployed its physical and financial resources to gain the most efficient use and best value for money for its key stakeholders, most importantly its students, the local community and the government. All areas of financial expenditure are scrutinised to minimise cost, and existing assets are maintained to maximise returns. This ensures that budgets are met and key resources or surpluses can be used where they are most needed, in teaching and student support.

UNITEC performed well in 2000, achieving a group operating surplus of \$2.516 million. This was a result of prudent financial management and sound accounting practice from all faculties and centres at UNITEC.

	2000 Actual	2000 Target	1999 Actual
Short-term Liquidation Ratio:			
Current monetary assets (\$)	7,530,000	2,525,000	6,285,000
Current liabilities (\$)	21,340,000	10,118,000	12,743,000
Ratio	0.35:1	0.25:1	0.49:1
Change in Financial Value:			
Net assets (\$)	66,555,000	66,062,000	63,600,000
Percentage net change	4.65%	3.87%	5.32%
Return on Assets:			
Net result for the year (\$)	2,516,000	2,464,000	2,988,000
Net assets (\$)	66,555,000	66,062,000	63,600,000
Percentage return on asset	3.78%	3.73%	4.70%
Exposure to Debt:			
The Institute has the following long-term commitments:			
National Bank loan (\$)*	1,239,285	1,239,024	1,284,024
Source of Income:			
Income other than MoE bulk funds (\$)	39,025,000	34,364,000	33,888,000
Total income (\$)	76,906,000	75,201,000	71,635,000
Percentage	50.70%	45.70%	47.30%

* Provided to the UNITEC Recreation Trust for the construction of the UNITEC Sport and Recreation Centre. UNITEC has no other exposure to term debt

7.1 Key Financial Performance Targets

	2000 Actual	2000 Target	1999 Actual
Current assets: current liabilities	0.63	>1	0.63
Percentage change in net assets	4.65%	>1	5.32%
Percentage return on assets	3.78%	3.73%	4.70%
Total debt: equity	1.92	<10%	2.08
Operating costs: EFTS (\$)	9,026	9,108	8,607
Net surplus: EFTS (\$)	330	330	408
Percentage total income from other than MoE bulk funds	50.50%	45.50%	47.30%

Physical Resources. Since 1999 UNITEC has adopted the Australasian Association of Higher Education Facilities Officers (AAPPA) benchmark data to manage and organise the efficient use of its physical resources. As UNITEC is one of the largest tertiary providers in New Zealand, the use of its physical resources needs to be carefully planned and co-ordinated to achieve the best possible loading for lecture theatres and other facilities. Utilising AAPPA allows UNITEC to measure how well its teaching and administrative areas are being used, and to find ways to achieve greater loadings that benefit students and the local community.

7.2 Key Physical Resource Targets

	2000 Actual	2000 Target	1999 Actual
Faculty useable floor area (m2): EFTS	8.10	6.2	11.31
Gross education area (m2): EFTS	10.86	11.4	10.42

Physical Resource Usage – Faculty Useable Floor Area (m2) : EFTS by faculty

	2000 Actual	2000 Target	1999 Actual
Applied Technology Institute	10.40*	9.60	9.60
Architecture and Design	10.14	10.00	10.91
Arts and Social Sciences	3.60	3.80	3.46
Business	3.02	3.00	2.72
Health, Science and Technology	5.74	6.30	5.51

* The underachievement of EFTS targets in the Applied Technology Institute impacted on their performance in this area

Operating Cost. UNITEC's cost of services per EFTS increased over 1999 levels. This was due to increased expenditure, more specifically on the library and information technology areas. With our drive to achieve university status there is also increasing pressure on academic salaries.

Net Cost of Services Per EFTS (\$)

Faculties	2000 Actual	2000 Target	1999 Actual
Applied Technology Institute	9,564	9,170	9,192
Architecture and Design	10,490	10,494	10,440
Arts and Social Sciences (including Puukenga)	7,772	8,415	7,472
Business	7,918	7,960	7,332
Health, Science and Technology	10,432	9,850	9,462
Average	9,026	9,108	8,607

7.3 External Accountability Requirements

	2000 Actual	2000 Target
Statement of Objectives approved by MoE	Approved	Approved
Annual Report prepared to meet legislated timelines	Prepared	Prepared

Goal 8. To support and develop our staff and acknowledge their performance

Achievements

8.1 Staff Development Opportunities. UNITEC's staff are its vital asset in producing consistent quality teaching in its programme delivery to students. As such, UNITEC regards the professional development of its staff with importance, as a means to maintain and enhance the skills and qualities that staff, academic and non-academic, bring to their job. Staff are therefore supported by seniors and peers, on behalf of the Institute, to prepare and present research papers, attend in-house seminars and conferences, and complete qualifications to increase their knowledge. In 2000 many staff attended seminar programmes prepared by individual faculties in order to advance their learning.

UNITEC staff at all levels continued to upgrade their qualifications in 2000. Over 40 percent of academic staff now hold postgraduate degrees. Of these, 8 percent hold PhDs, which is a welcome boost to UNITEC's growing research base. In total, 67 percent of academic staff now hold degree-level qualifications. Staff are encouraged to undertake further study, and UNITEC, as a good employer, assists staff with both study time and costs.

	2000 Actual	2000 Target
Percentage of full-time allied staff in professional development plans	75%	100%
Percentage of full-time academic staff in professional development plans	90%	100%

Note: No comparatives for 1999 as not previously reported in this format

8.2 Excellent Staff Performance. Promoting excellence in staff performance in 2000 was achieved in several ways, not least by the enthusiasm and dedication of individual faculties. The measure of staff performance is gauged annually through the performance review process, in which almost all staff participate. UNITEC aims to ensure in the next few years that 100 percent of its staff take part in the annual performance review process. The performance review process allows for UNITEC to uniformly ensure that its standards are being met and exceed students' expectations. Many of these staff who excel feature in the annual staff awards which are presented in several categories, including teaching, programme leadership, service leadership, quality of service and exceptional service. In 2000 UNITEC awarded 19 staff with awards for excellent performance in various areas of their jobs. This exceeded the target of 16 awards. In 2001 UNITEC will co-ordinate a survey of all staff to assess their motivation and career aspirations. It is important to UNITEC that the views of its staff are acknowledged so that they accord with the future direction of the institution. While the main Institute-wide survey could not be completed due to the departure of the Director of Human Resources, a similar web-based pilot survey for staff was conducted on the Applied Technology Institute. This proved successful and will assist in the implementation of the main staff survey in 2001.

Please see the UNITEC corporate web site at www.unitec.ac.nz and go to 'About UNITEC' to see a full list of award winners for 2000.

	2000 Actual	2000 Target	1999 Actual
Percentage of staff undergoing annual performance review	95%	94%	90%
Number of staff annual awards	19	16	16
Staff opinion survey	to be completed 2001	completed	-

8.3 Equal Employment Opportunity (EEO) Targets

The overall EEO Plan aims to:

- Ensure equality of opportunity in all aspects of its work
- Practise sound employment practices when appointing staff
- Comply with the spirit and intention of all relevant equal employment legislation including the Human Rights Act 1997, the Race Relations Act 1971, the State Sector Act 1988 and the Parental Leave and Employment Protection Act 1987
- Employ a workforce broadly reflecting the community it serves in terms of ethnicity, gender and disability.

Staff Totals (FTE)

	2000 FTE				1999 FTE	
	F/T	P/T	Total	%	Total	%
Academic Staff						
All staff	387	109	496	100	486	100
Disabled	7	2	9	2	11	2
Maori	22	6	28	6	20	4
Pacific Island	4	1	5	1	3	0.6
Female	160	72	232	47	219	45
Male	227	37	264	53	267	55
Allied Staff						
All staff	295	99	394	100	337	100
Disabled	11	2	13	3	12	4
Maori	17	3	20	5	21	6
Pacific Island	19	5	24	6	18	5
Female	200	69	269	68	226	67
Male	95	30	125	32	111	33

* The above figures are based on those staff who have indicated their ethnicity

In 2000 the following initiatives in line with the EEO Plan were implemented:

1. A Mentoring Scheme for all staff
2. A Family Friendly Policy.

The UNITEC Mentoring Scheme provides 'on-the-job' professional support to a wide variety of staff. A voluntary scheme, its purpose is to provide one-to-one, confidential, sustained coaching through a trusting, open relationship with an objective mentor. The Mentoring Scheme was established in 2000 following the success of a pilot in 1999. During 2000, 13 mentor/mentee pairs worked together, involving participants from all levels of UNITEC, both allied and academic staff. The Mentoring Scheme has many benefits for staff and UNITEC, including the encouragement of professional and personal development plans, assisting staff to foster UNITEC's ability to lead and manage change, and expanding organisational knowledge amongst all staff.

Gender Balance in Management and Academic Career Structures*

Senior Managers including Directors	Numbers	Percentages
Total number of senior managers	67	100%
Female senior managers	36	54%
Male senior managers	31	46%

* Note: No comparatives for 1999 as not previously reported in this format

In 2000 women continued to progress in terms of the number of senior management positions. UNITEC has reported on the gender balance of its senior management staff for several years, and in 2000 more women occupied senior management positions at UNITEC than in the previous year.

Maori Staff*

	2000 %Actual	2000 %Target
Academic	6	9
Allied	5	7

Overall, Maori make up 6 percent of UNITEC's full-time equivalent staffing. In the year 2000 the percentage of Maori staff, both academic and allied, remained unchanged. UNITEC is still experiencing some difficulty in recruiting suitably qualified Maori staff to academic positions. The overall percentage is somewhat below UNITEC's target of 9 percent.

Pacific Island Staff*

	2000 %Actual	2000 %Target
Academic	1	3
Allied	6	8

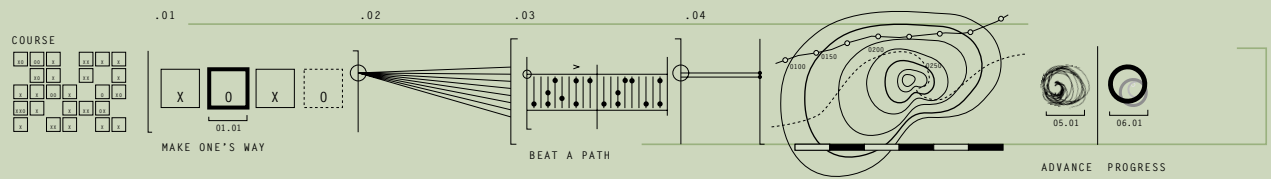
The percentage of Pacific Island staff, both academic and allied, has increased slightly in 2000. The target was reviewed down for the year but UNITEC remains committed to increasing recruitment in this area.

Staff with Disabilities*

	2000 %Actual	2000 %Target
Academic	2	5
Allied	4	7

* Note: No comparatives for 1999 as not previously reported in this format

Three percent of staff at UNITEC have a disability; this percentage is consistent with previous years.



academicperformancestatements

For the year ended 31 December 2000

Pg No 41
UNITEC

.02 PATH-WAY

path n. 1. a way beaten or trodden by the feet of men [sic] or beasts. 2. a walk in a garden or through grounds. 3. a route, course, or track in which something moves. 4. a course of action, conduct, or procedure.

way n. 1. manner, mode, or fashion. 2. characteristic or habitual manner. 3. a course, plan, or means of attaining an end.

UNITEC **applied technology** institute

The UNITEC Applied Technology Institute provides a wide range of vocational trade and technical education and training programmes in Automotive Engineering, Carpentry, Plumbing, Gasfitting, Drainlaying, Welding, Marine Technology, Joinery, Furniture-making, Painting, Decorating, Drywall Systems and Composite Engineering.

The Past Year: 2000

The year 2000 marked the restructuring of the Faculty into a more autonomous body, the UNITEC Applied Technology Institute (UATI). UATI will be able to focus and enhance its leadership in vocational trades and technical education and training, while being an integral part of UNITEC as it looks toward university of technology status. On 5 May 2000 the Prime Minister, the Rt. Hon. Helen Clark, officially opened UATI.

UATI signed a Co-opetition Agreement with Hutt Valley Polytechnic. Co-opetition is a business strategy that combines cooperation and competition to provide increased benefits through finding complementarities in both parties. The collective strengths of both parties will be pooled to produce benefits that add value for their students. The Co-opetition Agreement provides that both parties will work together on a strategy to develop and maintain an international standard curriculum. Best practice in programme development that meets demand in New Zealand and also integrates core information technology skills into programmes will be shared between both parties.

During the year the Institute's students and staff were involved in a variety of events. Marine Technology students took part in a Borders Bookshop 'Blokes, Boats, and Boatbuilding' promotion which featured a cutaway example of a boat's construction, as well as promoting its programmes. Technical expertise was also provided by UATI to the popular television programme *Target*. UATI was also part of a group organised by the Ministry of Internal Affairs to give advice on how to improve the trade practice of gasfitters in the gas industry. Anne Taylor, a carpentry graduate from the School of Building Technology, led a team of women in the 'Women Build 2000' project to construct two houses in Manukau City which were then occupied by women parenting alone. In addition, one of the Institute's Pasifika graduates, Theresa Masoe, featured in a two-page article in the *Achievers* magazine, detailing her Certificate in Multiskill Building Construction.

In the area of research, UATI gained a second patent in impellor design for pumping apparatus.

Looking Ahead: 2001

UATI will continue to increase its research outputs in 2001 through greater involvement with interdisciplinary projects and collaboration with industry partners. Working with industry gives UATI further opportunity to showcase its students into direct employment when they graduate by giving them work experience as they learn. It also allows UATI to tailor its programmes and research to match industry needs. A very good example of this is the relationship between UATI and Rover City, set to continue in 2001.

Faculty Contribution to Output Performance

Quantity

Enrolments (EFTS)

	2000 Actual	2000 Target	1999 Actual
MoE bulk-funded EFTS	755	849	775
Contracts (TOP, ITO, SNZ)	69	62	103
STAR	12	5	9
Full cost recovery	22	17	23
Totals	858	933	910
Total (FTE) teaching staff	58	64	60
Ratio EFTS: FTE teaching staff	14.8:1	14.6:1	15.1:1
Net cost of services: EFTS	9,564	9,170	9,192



Quality

Graduate Survey 2000. The Survey is an important means for UNITEC to measure and analyse the progress of its graduates in the workforce, further study, overseas travel or other vocations after they have completed their programme of study the preceding year.

	2000	1999
Working only	56%	56%
Studying only	8%	9%
Working and studying	21%	26%
Looking for work	15%	-
Not available for employment	-	9%

Research

	2000	1999
Publications refereed	2	8
Publications other	11	2
Presentations	2	6
Patents	-	1
Total	15	17

Please refer also to the 2000/2001 Research Report

Cost of Services

	2000 Actual	2000 Budget	1999 Actual
Costs (\$)			
Salaries and wages	3,685,122	3,895,882	3,934,724
Class materials	560,963	644,500	556,656
General expenses	900,537	768,538	746,356
Administration services	3,378,519	3,274,748	3,212,652
Depreciation	129,075	127,566	306,261
Total costs	8,654,216	8,711,234	8,756,649
Less revenue from services	(452,509)	(156,000)	(391,027)
Net cost of services	8,201,707	8,555,234	8,365,622

faculty of architecture & design

The Faculty of Architecture and Design comprises the Schools of Architecture, Construction, Design, Engineering, and Performing and Screen Arts.

The Past Year: 2000

In 2000 the Faculty experienced a rewarding if transitional year with the absorption and relocation of the School of Engineering. Understandably this had an impact on the overall numbers of EFTS and the budget. Nonetheless, the Faculty welcomed the School of Engineering and expects it to play a significant part in the future and success of the Institute.

The world-class project was implemented, a series of measures to ensure that the Faculty attains world-class standards in helping our students reach their true potential in their careers.

It was especially pleasing for the Faculty to establish the Research Centre for Construction and appoint Professor Russell Kenley from the University of Melbourne to its leadership. Another leading academic, Professor Mike Austin, was appointed to the School of Architecture. Douglas Lloyd-Jenkins was appointed Associate Professor in the Design School. The Faculty also appointed three adjunct professors in Architecture, Environmental Engineering and Dance.

There were many staff successes in 2000, including the award of a Harvard Fellowship to Associate Professor Mitrovic to study 16th century Architecture in Italy, a Rotary Scholarship to Derek Kawati to complete postgraduate study at the Architectural Institute in London, and Dowse Art Museum's \$10,000 Gold Award to Jewellery lecturer, Pauline Bern.

Students of the Faculty achieved some brilliant successes, including the Performing and Screen Arts graduate, Sara Wiseman, who won best performance in the New Zealand Film and Television Awards. Graduates from the School of Performing and Screen Arts also featured in an article in the national magazine, *North & South*. School of Design students performed well, one student winning the Interior Design Guild Scholarship and two students gaining the ARMA Student Design Award.

Looking Ahead: 2001

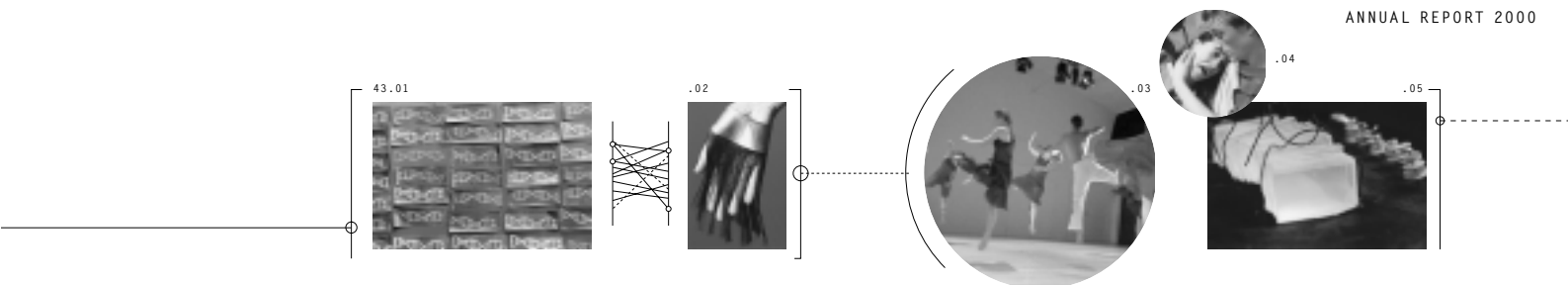
In 2001 there will be focus on further developing postgraduate study, particularly design-based masters programmes. In addition the Faculty will offer students the Bachelor of Engineering Technology for the first time, a welcome addition for the new School of Engineering which is located in the Faculty. A revised Diploma in Design Media will be launched and ready by 2002. A comprehensive five-year review of the Bachelor of Performing and Screen Arts will also take place to examine the four main disciplines of the degree: Acting, Dance, Film and Television, and Directing and Writing.

Faculty Contribution to Output Performance

Quantity

Enrolments (EFTS)

	2000 Actual	2000 Target	1999 Actual
MoE bulk-funded EFTS	1,588	1,669	1,350
Contracts (TOP, ITO, SNZ)	5	0	0
STAR	1	0	2
Full cost recovery	108	98	80
Totals	1,702	1,767	1,432
Total (FTE) teaching staff	115	126	95
Ratio EFTS: FTE teaching staff	14.8:1	14.0:1	15.1:1
Net cost of services: EFTS	10,490	10,494	10,440



Quality

Graduate Survey 2000. The Survey is an important means for UNITEC to measure and analyse the progress of its graduates in the workforce, further study, overseas travel or other vocations after they have completed their programme of study the preceding year.

	2000	1999
Working only	68%	71%
Studying only	10%	6%
Working and studying	13%	14%
Looking for work	7%	-
Not available for employment	2%	9%

Research

	2000	1999
Publications refereed	29	27
Publications other	47	54
Presentations	45	46
Theses	4	16
Exhibited works and performances	76	100
Applied/creative design	29	4
General media communications and interviews	42	55
Total	272	302

Please refer also to the 2000/2001 Research Report

Cost of Services

	2000 Actual	2000 Budget	1999 Actual
Costs (\$)			
Salaries and wages	8,073,202	8,477,226	6,736,000
Class materials	988,204	1,149,676	794,245
General expenses	2,345,195	2,531,926	1,926,049
Administration services	6,504,193	6,587,536	5,378,310
Depreciation	257,075	254,209	549,871
Total costs	18,167,869	19,000,573	15,384,476
Less revenue from services	(314,156)	(452,650)	(433,054)
Net cost of services	17,853,713	18,547,923	14,951,422

faculty of arts & social sciences

The Faculty of Arts and Social Sciences provides multi-level programmes in the Arts, Languages and Social Sciences.

The Past Year: 2000

In 2000 the Faculty introduced several new programmes, including Postgraduate Diplomas in International Communication and School Management; a BA with majors in Japanese, Chinese, German and Spanish; UNITEC's first conjoint degree, the BA/BBS; a two-year Diploma in Te Reo me nga Tikanga; and the Master of Counselling from Waikato University delivered on campus.

A new School of English and Applied Linguistics was established. The School's Maori name, 'Te ao puaki te ao tutaki', means 'cultures speaking, worlds meeting' which captures the international flavour of its students and programmes. The Faculty was also proud to inaugurate the Centre for Educational Management, UNITEC's first Key Centre in Teaching and Research, which works closely with schools to provide applied research for educational problems, and specialist programmes to assist management and leadership. Its first residential Institute for Educational Leadership, for new and experienced secondary principals throughout New Zealand, was delivered in August.

The Faculty continued its series of public forums with one led by the School of Communication on broadcasting, with a panel including the Minister of Broadcasting, a member of the TVNZ Board and university academics. The Minister of Education joined a panel for the forum on Access to Higher Education, jointly hosted by the School of Foundation Studies and Puukenga, and effectively introduced by personal stories from students.

Puukenga, the School of Maori Education, enjoyed a positive year with the addition of new staff and built on its reputation for excellence in Te Reo and for student support through Maia, the Maori Development Centre. There were also student and staff successes with a Bachelor of Arts (Chinese) student winning a scholarship from China's State Commission for Education to study in China for a year. The Tessa Thomas Award, hosted by the New Zealand Federation of University Women, was won by a Maori Fibre Weaving student, and UNITEC's English Online web site received the annual award from the Distance Education Association of New Zealand. Associate Professor Tanya Fitzgerald was awarded the Minolta Dame Jean Herbison Travelling Fellowship in recognition of her contribution to educational administration.

Looking Ahead: 2001

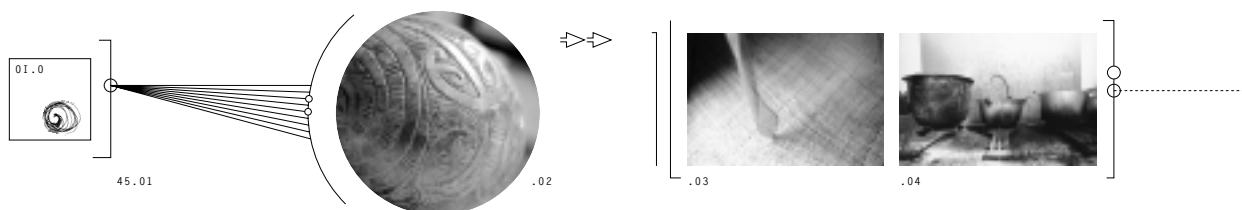
The Faculty looks forward to the introduction of UNITEC's first PhD students (in Education), a Master of Education and a Diploma in Teaching (Early Childhood Education), and a further expansion of the international English programme. There will be an increase in the application of research that informs teaching and solves real-world problems, and this will be beneficial to both the Faculty and the community it serves, including Government and industry partners.

Faculty Contribution to Output Performance

Quantity

Enrolments (EFTS)

	2000 Actual	2000 Target	1999 Actual
MoE bulk-funded EFTS	1,179	1,341	1,266
Contracts (ITO, SNZ, TOP)	74	65	70
STAR	3	0	0
Full cost recovery	723	293	377
Totals	1,979	1,699	1,713
Total (FTE) teaching staff	139	103	124
Ratio EFTS: FTE teaching staff	14.2:1	16.5:1	13.8:1
Net cost of services: EFTS	7,772	8,415	7,473



Quality

Graduate Survey 2000. The Survey is an important means for UNITEC to measure and analyse the progress of its graduates in the workforce, further study, overseas travel or other vocations after they have completed their programme of study the preceding year.

	2000	1999
Working only	47%	43%
Studying only	22%	28%
Working and studying	12%	23%
Looking for work	11%	-
Not available for employment	8%	6%

Research

	2000	1999
Publications refereed	25	19
Publications other	36	25
Presentations	76	67
Theses	6	4
Applied/Creative design	-	-
Software	-	2
General media communications and interviews	12	19
Total	155	136

Please refer also to the 2000/2001 Research Report

Cost of Services

	2000 Actual	2000 Budget	1999 Actual
Costs (\$)			
Salaries and wages	8,494,984	7,374,235	7,361,858
Class materials	938,343	914,128	649,156
General expenses	1,584,842	1,848,526	1,180,316
Administration services	5,777,888	5,022,877	4,888,507
Depreciation	88,411	92,750	214,786
Total costs	16,884,468	15,252,516	14,294,624
Less revenue from services	1,500,820	955,717	1,491,435
Net cost of services	15,383,648	14,296,799	12,803,189

facultyofbusiness

The Faculty of Business offers students programmes in Applied Management, Operations Management, Computing and Information Systems, Accounting and Finance, Human Resources Management, Franchising, Sales, Small Business Management, Real Estate, Marketing Management, Office Administration, Travel and Tourism, and general Business programmes.

The Past Year: 2000

It was an outstanding year for the Faculty with its EFTS targets being met, exceeded, or maintained, with numerous staff and student achievements and appointments at all levels. All schools within the Faculty performed very well in meeting key objectives, while the UNITEC New Zealand Centre for Innovation and Entrepreneurship was further developed. There was significant growth in the Faculty's online courses in the Bachelor of Business Studies (BBS), and the accreditation of the Finance major in the BBS was a major highlight. The number of enrolments in the Master of Computing programme and continued growth exceeded expectations. This postgraduate computing degree may be offered in Wellington in 2001.

There were several senior Faculty appointments adding to the growing research and teaching base. These included Professor Howard Frederick, Director of UNITEC's New Zealand Centre for Innovation and Entrepreneurship; Dr Peter Mellalieu, Programme Director for the upcoming Master of Business Innovation and Entrepreneurship; Rod Oram, former editor of the *Business Herald*, as a visiting Industry Fellow; and Iain Morrison from the University of Melbourne as an adjunct professor in the School of Information Systems and Computing.

The Faculty also hosted visits by noted academics from the Sheffield Business School, the University of Plymouth and RMIT, Melbourne. Faculty staff attended and presented at numerous national and international conferences, including the Asia Pacific Economic Law Forum in Bangkok, and the Pan Pacific Finance Conference in Brisbane.

Looking Ahead: 2001

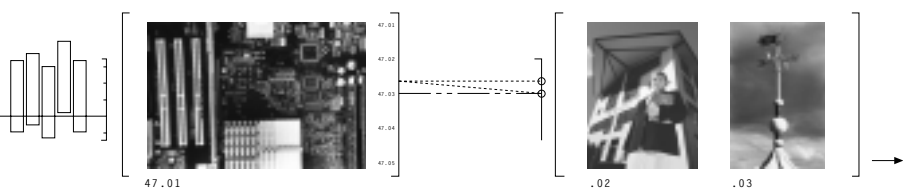
The Faculty has many goals and initiatives in 2001. The development of several new programmes will increase the depth of research expertise within the Faculty. These will include the Master of Banking and Finance as well as the Postgraduate Diploma in Professional Accountancy. In addition, the Faculty will examine the feasibility of offering a PhD in Computing. The Master of Computing may be franchised internationally. Following a successful accreditation, the Master of Business Innovation and Entrepreneurship (MBIE) will be launched in March 2001. The MBIE is a unique, hybrid programme designed for experienced professionals, managers and entrepreneurs covering the knowledge and skills needed to establish new ventures and process innovations. There will also be emphasis given to upgrading staff qualifications and, through expanded links with international universities, more overseas teaching and research opportunities.

Faculty Contribution to Output Performance

Quantity

Enrolments (EFTS)

	2000 Actual	2000 Target	1999 Actual
MoE bulk-funded EFTS	1,514	1,741	1,687
Contracts (TOP, ITO, SNZ)	4	0	0
STAR	0	0	0
Full cost recovery	398	140	196
Totals	1,916	1,881	1,883
Total (FTE) teaching staff	83	97	87
Ratio EFTS: FTE teaching staff	23.1:1	19.4:1	21.6:1
Net cost of services: EFTS	7,918	7,960	7,332



Quality

Graduate Survey 2000. The Survey is an important means for UNITEC to measure and analyse the progress of its graduates in the workforce, further study, overseas travel or other vocations after they have completed their programme of study the preceding year.

	2000	1999
Working only	54	52
Studying only	10	13
Working and studying	29	26
Looking for work	3	-
Not available for employment	4	8

Research

	2000	1999
Publications refereed	62	46
Publications other	31	48
Theses	-	4
Presentations	115	38
General media communications and interviews	16	23
Total	224	159

Please refer also to the 2000/2001 Research Report

Cost of Services

	2000 Actual	2000 Budget	1999 Actual
Costs (\$)			
Salaries and wages	6,210,688	6,367,889	5,996,866
Class materials	478,466	605,000	502,373
General expenses	2,092,843	2,002,270	1,616,134
Administration services	6,507,208	6,003,843	5,825,660
Depreciation	86,477	93,139	174,203
Total costs	15,375,682	15,072,141	14,115,236
Less revenue from services	(199,234)	(100,000)	(306,768)
Net cost of services	15,176,448	14,972,141	13,808,468

faculty of health, science & technology

The Faculty of Health, Science and Technology provides a variety of programmes for students with interests in Health Care, Applied Science, Sport, Animal Technology, Landscape Design and Horticulture.

The Past Year: 2000

It was a year of successful progress and change in 2000. The Faculty saw students graduating for the first time with the Bachelor of Sport (Coaching), the Bachelor of Landscape Architecture, and the Diploma in Veterinary Nursing. The Faculty formed a new School of Sport in January, and mid-year appointed Dr Robin McConnell as New Zealand's first Professor of Sport and Head of School. In March the Faculty also welcomed Denise Dignam as Head of School, Nursing.

New programme development made significant progress with the accreditation of the Diploma in Sustainable Horticulture. The approval process for the Bachelor of Resource Management is almost complete. Some particularly pleasing appointments were made with Dr Gay Williams (Nursing), Haikai Tane (Sustainable Development), Dr David Patriquin (Osteopathic Medicine) and Professor Janice McKay (Medical Radiation Technology) becoming adjunct professors.

Work also began on enhancing UNITEC's sports fields to standards required by elite athletes and fitness students. The Veterinary Referral Hospital was completed and started accepting animals for treatment in November. The hospital is a joint venture between UNITEC and the Veterinary Specialist Group, and will also provide training facilities for Veterinary Nursing students.

The Faculty has developed partnerships with the community and schools in Project Crimson and Trees for Survival. It is also involved in the promotion of science through participation in Siemens Science Experience, with AUT and MIT, and through assistance with NIWA Auckland City Science and Technology Fair.

Looking Ahead: 2001

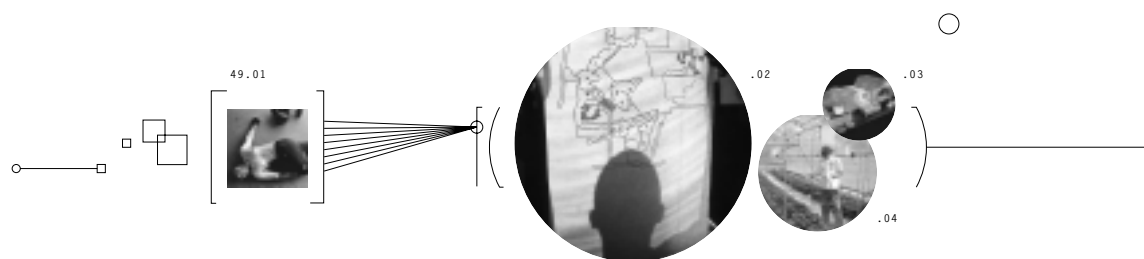
A major change will be the renaming in January 2001 as Ngāa Kaawai Oranga, Faculty of Health and Environmental Sciences. The new name reflects the Faculty focus on human and animal health and wellbeing, and on the environment and sustainable development. The Faculty plans to launch its Key Centre for Sustainable Development in 2001. The Faculty will continue to focus on increasing its local and international profile and links with other disciplines and industry partners in the development of research that informs teaching and provides downstream funding.

Faculty Contribution to Output Performance

Quantity

Enrolments (EFTS)

	2000 Actual	2000 Target	1999 Actual
MoE bulk-funded EFTS	1,114	1,122	1,292
Contracts (TOP, ITO, SNZ)	12	2	1
STAR	2	0	2
Full cost recovery	40	57	91
Totals	1,168	1,181	1,386
Total (FTE) teaching staff	85	82	99
Ratio EFTS: FTE teaching staff	13.8:1	14.4:1	13.9:1
Net cost of services: EFTS	10,432	9,805	9,462



Quality

Graduate Survey 2000. The Survey is an important means for UNITEC to measure and analyse the progress of its graduates in the workforce, further study, overseas travel or other vocations after they have completed their programme of study the preceding year.

	2000	1999
Working only	61%	65%
Studying only	5%	8%
Working and studying	25%	23%
Looking for work	4%	-
Unavailable for work	5%	4%

Research

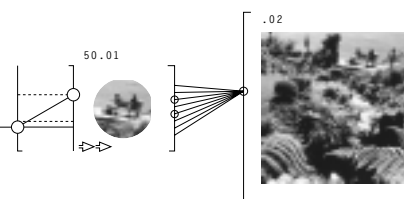
	2000	1999
Publications refereed	13	16
Publications other	42	27
Theses	4	2
Presentations	73	59
Exhibited works and performances	4	4
Applied/creative design	4	-
General media communications and interviews	16	58
Total	156	166

Please refer also to the 2000/2001 Research Report

Cost of Services

	2000 Actual	2000 Budget	1999 Actual
Costs (\$)			
Salaries and wages	5,941,710	5,925,382	6,569,929
Class materials	892,664	943,726	1,040,470
General expenses	1,410,035	1,168,567	1,290,246
Administration services	4,156,365	4,026,295	4,271,710
Depreciation	142,668	156,265	308,445
Total costs	12,543,442	12,220,235	13,480,800
Less revenue from services	(357,197)	(640,571)	(366,200)
Net cost of services	12,186,245	11,579,664	13,114,600

wagenerlibrary



The Past Year: 2000

UNITEC library continues to be at the forefront of technological change and development. The library is flexible and easily accessible from any location; it is broad based and well supported by qualified staff. The vision of a contemporary book, journal and video collection alongside and supporting online resources, databases, journal databanks and identified internet sites is realised and endorsed by UNITEC students and academic staff.

The effective utilisation of these resources requires support from the library in various ways: from recommendation and evaluation of appropriate resources, to assistance in using databases, and to training. In addition, information literacy sessions offered to students and staff of each faculty by librarians, with immediate and expert assistance on a one-to-one basis at the information desk, is a critical strategy for providing support in the use of electronic information resources to the UNITEC community.

The library has been extended to allow more student study space, and to accommodate and display the resources added.

Looking Ahead: 2001

Planning will begin to extend the library at Building One, which serves the Schools of Architecture, Design, Construction, and Performing and Screen Arts, to provide space for additional shelving to house the collection and student study space.

Library Statistics

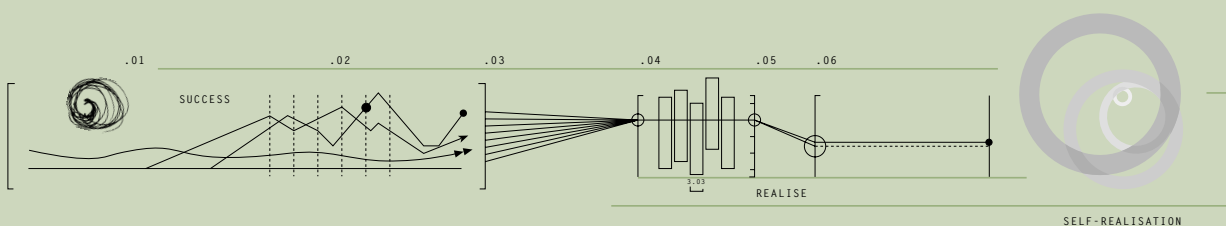
	2000	1999
Library staff	28	26
Library membership	20,340*	20,280
Total annual issues	540,567**	559,252
Average daily issues	1,801	1,674
New books added	7,957	8,399
Total book stock	85,728	77,771
Periodic subscriptions		
Hard copy	740	719
Online	6,902	6,902
Information searches (per month)	1,753	148
Information requests (per month)	1,257	1,138
Interloan requests	2,170	2,363
Interloan (items lent)	1,271	1,600
User education tutorials		
Number of sessions	352	402
Number of students	8,461	8,658

Cost of Services

	2000 Actual	2000 Budget	1999 Actual
Costs (\$)			
Direct salaries and wages	1,056,923	1,039,949	876,762
Other direct costs	1,161,576	1,171,247	1,128,208
Total direct costs	2,218,499	2,211,196	2,004,970
Miscellaneous income	143,551	109,500	131,346
Net direct costs	2,074,948	2,101,696	1,873,624

* Includes students, staff and approved borrowers

** Issues dropped because journals became reference only, when previously they were issued, and the loan period for all other resources became one month instead of two weeks



financial statements

For the year ended 31 December 2000

Pg N° 53
UNITEC

52	Financial Highlights
53	Statement of Accounting Policies
56	Statement of Financial Performance
57	Statement of Operating Costs and Revenue by Faculty
58	Statement of Financial Position
59	Statement of Cash Flows
60	Statement of Movements in Equity
61	Notes to the Financial Statements
67	Statement of Commitments and Contingencies
68	Statement of Resources

.03 ACHIEVEMENT

n. 1. something accomplished, esp. by valour, boldness, or superior ability; a great or heroic deed. 2. the act of achieving; accomplishment: the achievement of one's object.

financial highlights

Financial Results for the Year. A consolidated net surplus for the year of \$2.516 million was achieved against a budget of \$2.462 million.

Income. Income from Government was down on budget due to Ministry of Education (MOE) and Industry Training Organisation (ITO) EFTS levels failing to reach expected targets.

Again we have experienced extremely strong growth and demand in the international student market and this has helped offset the domestic shortfall in income.

Expenditure. Expenditure was reasonably controlled given the variable nature of EFTS levels achieved across the various faculties. Additional costs were incurred associated with the university status issue, and in marketing to improve domestic EFTS levels. Labour costs continue to rise due to the need to attract staff with higher academic profiles and the need to pay competitive salaries.

Assets. Investment in teaching equipment, motor vehicles and other assets has been maintained at levels consistent with past years. The successful implementation of the Human Resource/Payroll and Student Administration modules of PeopleSoft has been a major software investment. A number of medium-sized building projects were completed or nearing completion during 2000. These included a Veterinary Referral Hospital and further extensions to the Student Learning Complex to accommodate increased demand in the School of Languages and the School of Information Systems and Computing.

2001 Budget. A conservative budget for 2001 has been set with EFTS targets slightly above that achieved in 2000, with a focus on growth in the domestic market. Expenditure will continue to be concentrated on management information systems, the further development of Key Centres within the Graduate School and on the Library.

statement of **accounting policies**

For the year ended 31 December 2000

The Reporting Entity. UNITEC Institute of Technology was established under the Education Act 1976. The financial statements on pages 53 to 67 are presented in accordance with the Institute of Chartered Accountants of New Zealand's Financial Reporting Standards, Statements of Standard Accounting Practice and the financial reporting requirements of the Education Act 1989 and the Public Finance Act 1989.

Measurement System. The measurement base adopted is that of historical cost, except in the case of assets where the PODRC (Partially Optimised Depreciated Replacement Cost) method has been used for buildings and the ORC (Optimised Replacement Cost) for land. Assets are recorded at cost net of depreciation.

Basis of Preparation of the Financial Statements. The financial statements include a Statement of Financial Performance, a Statement of Cash Flows, a Statement of Financial Position, a Statement of Movements in Equity, and a Statement of Commitments and Contingencies. These statements contain the consolidated results of the UNITEC Recreation Trust and the UNITEC Trust and the results of the parent organisation, UNITEC Institute of Technology.

UNITEC's mission statement, values, goals and objectives are highlighted in the Statement of Objectives. The Statement of Objectives is made up of goals, each of which is reported on using performance targets and performance measures. A Statement of Cost of Services and Key Performances Details reports on every area of UNITEC's activities, and these areas are summarised individually in the Statement of Operating Costs and Revenue.

The major areas of UNITEC's activity are:

- Applied Technology Institute
- Faculty of Architecture and Design
- Faculty of Arts and Social Sciences
- Faculty of Business
- Faculty of Health, Science and Technology.

Accounting Policies. The following accounting policies which materially affect the measurement of financial performance and financial position have been applied:

1. **Revenue.** Revenue has been recognised in the Statement of Financial Performance on an entitlement basis.
2. **Accounts Receivable.** Accounts receivable are shown at estimated realisable value after due allowance for any amounts not considered recoverable.
3. **Inventory.**
 - a. Materials other than for trading are generally regarded as having been utilised at the time of receipt and are charged to the relevant activity at that time.
 - b. Inventories held for trading operations have been valued at the lower of cost, determined on a first-in first-out basis, and net realisable value.
4. **Investments.** The carrying amounts of all short-term investment are stated at the lower of cost or market value.
5. **Financial Instruments.** Revenue and expenses in relation to all financial instruments are recognised in the Statement of Financial Performance. All financial instruments are recognised in the Statement of Financial Position. All financial instruments, except for loans which are recorded at cost, are shown at their fair values.

6. Fixed Assets

- a. Land and buildings.** All land and buildings are revalued every three years. All buildings, whether owned by the Ministry of Education or purchased or built out of UNITEC reserves since 1991, have been valued using the PODRC (Partially Optimised Depreciated Replacement Cost) methodology by Robertson, Young, Telfer as at 1 January 1998. All land, whether owned by the Ministry of Education or purchased out of UNITEC reserves since 1991, has been valued using the ORC (Optimised Replacement Cost) methodology by Robertson, Young, Telfer as at 1 January 1998. Crown-owned land and buildings are included as part of UNITEC's fixed assets. These were first recognised on 1 January 1995 and although legal title has not been transferred, UNITEC has assumed all the normal risks and rewards of ownership. Buildings constructed since 1 January 1998 have been valued at cost.
- b. Library collection.** The library collection is revalued at the end of each year at estimated replacement cost using values supplied by the Librarian which are considered by UNITEC to be appropriate for the collection. An allowance has been made for the expired portion of the estimated economic life of the collection. Increases in the value of the library collection are credited to the library collection asset revaluation reserve. Decreases in the value of the library collection are debited to the library collection asset revaluation reserve. If the library collection asset revaluation reserve develops a debit balance, this balance is written off to the Statement of Financial Performance.
- c. Other assets.** All other assets have been valued at cost and depreciated.
- d. Depreciation.** Fixed Assets are depreciated at rates that will write off the cost or value of the asset over its estimated useful life. Land is not depreciated. The depreciation rates used in the preparation of these statements are as follows:

Buildings	2% Straight Line	50 years
Plant and equipment	10% Straight Line	10 years
Furniture and fittings	10% Straight Line	10 years
Motor vehicles	20% Straight Line	5 years
Computer equipment	33% Straight Line	3 years
Office equipment	10% Straight Line	10 years

- 7. Capital Work in Progress.** Capital Work in Progress is valued on the basis of expenditure incurred and Certified Gross Progress Claim Certificates up to the balance date. Financing costs have been capitalised during the construction of assets. Work in Progress is not depreciated.
- 8. Goods and Services Tax.** UNITEC Institute of Technology is a registered person as defined by the Goods and Services Act 1985. These accounts have been prepared exclusive of GST and the balance payable to the Inland Revenue Department (IRD) is shown as a current liability in the Statement of Financial Position.
- 9. Taxation.** Tertiary institutions are exempt from the payment of income tax as they are treated by the IRD as charitable organisations. Accordingly, no charge for income tax has been provided for.
- 10. Leases.** Finance leases, which effectively transfer to UNITEC substantially all of the risks and benefits of ownership of the leased item, are capitalised at the present value of the minimum lease payments. The leased assets and corresponding liabilities are disclosed and the leased assets are depreciated over the period UNITEC is expected to benefit from their use.
- Operating lease payments, where the lessors effectively retain substantially all the risks and benefits of ownership of the leased items, are included in the determination of the operating profit in equal instalments over the lease term.
- 11. Employee Entitlements.** Provision is made in respect of liability for annual leave, long service leave and retirement leave. Annual leave has been calculated on an actual entitlement basis at current rates of pay. Long service and retirement leave have been calculated on an actuarial basis based on the present value of expected future entitlements.
- 12. Development Costs.** Costs incurred on development of new courses are expensed in the period in which they have been incurred as the level of expenditure is relatively constant from year to year.

13. Basis of Consolidation.

UNITEC has three subsidiaries, New Zealand Institute of Technology Limited, Open Institute of Technology Limited and UNITEC Limited and two in-substance subsidiaries. None of the subsidiaries is currently trading or has traded in previous years. There are no assets or liabilities within those subsidiaries. Consequently, there has been no consolidation of the results.

Section 27(3) of the Financial Reporting Act 1993 requires that the UNITEC Recreation Trust and the UNITEC Trust be classified as in-substance subsidiaries of UNITEC Institute of Technology, and therefore the consolidated financial statements include UNITEC and its trusts accounted for using the purchase method. All significant transactions between UNITEC and the trust were eliminated upon consolidation.

The UNITEC Recreation Trust has been treated as a separate legal entity from the Council of UNITEC Institute of Technology other than for the above financial reporting purposes. Hence the mortgage from the UNITEC Recreation Trust to the National Bank is not subject to section 192 of the Education Act 1989.

14. Student Allowances. UNITEC has no involvement with the receipt or payment of student allowances other than with the processing of applications.

15. Cost of Service Statements. Cost of Service Statements, as provided in the Statement of Objectives and Service Performance, report the net cost of services for the significant activities of UNITEC, and are represented by Cost of Services less all non-EFTS funding that can be allocated to these activities.

Changes in Accounting Policies. There have been no changes in accounting policy. All accounting policies have been applied on bases consistent with the previous year.

statement of financial performance

For the year ended 31 December 2000

		2000	2000	1999	2000	1999
		Consolidated	Consolidated	Consolidated	UNITEC	UNITEC
		Actual	Budget	Actual	Actual	Actual
	Notes	\$000	\$000	\$000	\$000	\$000
Government operational funding	1	38,066	41,022	38,446	38,066	38,446
Investment income		883	401	559	880	557
Tuition fees		32,013	28,147	25,901	32,013	25,901
Trading income	2	1,982	2,034	1,799	1,982	1,799
Revenue from services provided		2,824	2,305	2,989	2,824	2,989
Other income	3	1,138	1,292	1,941	1,138	1,941
Total operating income		76,906	75,201	71,635	76,903	71,633
Less expenditure						
Total faculty expenditure		71,626	70,257	66,032	71,626	66,032
Trading expenditure	2	2,764	2,482	2,615	2,808	2,658
Total cost of operations		74,390	72,739	68,647	74,434	68,690
Net surplus(deficit) for the year		2,516	2,462	2,988	2,469	2,943

The Statement of Accounting Policies and the Notes to the Financial Statements form part of and are to be read in conjunction with this Statement

statement of **operating costs & revenue** by faculty

For the year ended 31 December 2000

	2000 Consolidated/ UNITEC Actual \$'000	2000 Consolidated/ UNITEC Budget \$'000	1999 Consolidated/ UNITEC Actual \$'000
Total costs			
Applied Technology Institute	8,655	8,711	8,757
Faculty of Architecture and Design	18,168	19,001	15,385
Faculty of Arts and Social Sciences	16,884	15,253	14,294
Faculty of Business	15,376	15,072	14,115
Faculty of Health, Science and Technology	12,543	12,220	13,481
Total faculty expenditure	71,626	70,257	66,032
Income from services provided			
Applied Technology Institute	453	156	391
Faculty of Architecture and Design	314	453	433
Faculty of Arts and Social Sciences	1,501	956	1,492
Faculty of Business	199	100	307
Faculty of Health, Science and Technology	357	640	366
Total faculty income from services provided	2,824	2,305	2,989
Net cost of services			
Applied Technology Institute	8,202	8,555	8,366
Faculty of Architecture and Design	17,854	18,548	14,952
Faculty of Arts and Social Sciences	15,383	14,297	12,802
Faculty of Business	15,177	14,972	13,808
Faculty of Health, Science and Technology	12,186	11,580	13,115
Total net faculty expenditure	68,802	67,952	63,043

The Statement of Accounting Policies and the Notes to the Financial Statements form part of and are to be read in conjunction with this statement

statement of financial position

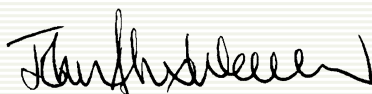
As at 31 December 2000

		2000	2000	1999	2000	1999
		Consolidated	Consolidated	Consolidated	UNITEC	UNITEC
		Actual	Budget	Actual	Actual	Actual
Notes		\$'000	\$'000	\$'000	\$'000	\$'000
Assets						
Current assets						
Cash at bank		675	482	1,233	505	1,105
Short-term investments	5	6,855	2,043	5,052	6,800	5,000
Accounts receivable	6	5,559	1,282	1,152	5,558	1,152
Inventory		285	500	516	285	516
Prepayments		122	124	124	122	124
Total current assets		13,496	4,431	8,077	13,270	7,897
Non-current assets						
Non current assets	7	70,889	72,488	62,000	69,100	60,171
Capital work in progress		4,749	500	7,550	4,749	7,550
Total non-current assets		75,638	72,988	69,550	73,849	67,721
Total assets		89,134	77,419	77,627	87,119	75,618
Liabilities						
Current liabilities						
Fees in advance		11,893	3,000	4,523	11,893	4,523
Accounts payable	8	6,158	4,273	5,546	6,141	5,530
Current portion of loan	9	40	45	37	-	-
Provision for employee entitlements	10	3,249	2,800	2,637	3,249	2,637
Total current liabilities		21,340	10,118	12,743	21,283	12,690
Total non-current liabilities	9	1,239	1,239	1,284	-	-
Total liabilities		22,579	11,357	14,027	21,283	12,690
Net assets		66,555	66,062	63,600	65,836	62,928
Equity						
Public equity	11	66,555	66,062	63,600	65,836	62,928
Total equity		66,555	66,062	63,600	65,836	62,928

The Statement of Accounting Policies and the Notes to the Financial Statements form part of and are to be read in conjunction with this Statement


J Robb
Chairman of Council

Date: 27 April 2001


Dr J Webster
President and Chief Executive

O T Burnside
Vice President, Finance

statement of cash flows

For the year ended 31 December 2000

		2000	2000	1999	2000	1999
		Consolidated	Consolidated	Consolidated	UNITEC	UNITEC
		Actual	Budget	Actual	Actual	Actual
Notes		\$'000	\$'000	\$'000	\$'000	\$'000
<i>Cash flows from operating activities</i>						
Cash was provided from:						
Government grants		36,954	41,022	39,387	36,954	39,387
Investment income		873	527	542	869	540
Revenue from services provided		43,364	42,453	34,197	43,173	34,028
		81,191	84,002	74,126	80,996	73,955
Cash was applied to:						
Employees and suppliers		71,164	80,691	62,513	71,148	62,50
Interest paid		92	75	74	-	-
		71,256	80,766	62,587	71,148	62,502
Net cash flows from operating activities	12	9,935	3,236	11,539	9,848	11,453
<i>Cash flows from investing activities</i>						
Cash was provided from:						
Sale of assets		13	-	469	13	469
Cash was applied to:						
Purchase of assets		8,661	6,958	10,039	8,661	10,039
Net cash flows from investing activities		(8,648)	(6,958)	(9,570)	(8,648)	(9,570)
<i>Cash flows from financing activities</i>						
Cash was applied to:						
Loans repaid		42	38	55	-	-
Net cash flows from financing activities		(42)	(38)	(55)	-	-
Total net cash flows		1,245	(3,760)	1,914	1,200	1,883
Opening balance cash and bank		6,285	6,285	4,371	6,105	4,222
Closing balance cash and bank		7,530	2,525	6,285	7,305	6,105
<i>Closing balance cash and bank</i>						
Cash and bank		675	482	1,233	505	1,105
Short-term investments		6,855	2,043	5,052	6,800	5,000
Closing balance cash and bank		7,530	2,525	6,285	7,305	6,105

The Statement of Accounting Policies and the Notes to the Financial Statements form part of and are to be read in conjunction with this statement

statement of movements in equity

For the year ended 31 December 2000

	2000	2000	1999	2000	1999
	Consolidated	Consolidated	Consolidated	UNITEC	UNITEC
	Actual	Budget	Actual	Actual	Actual
	\$000	\$000	\$000	\$000	\$000
Equity at start of the period	63,600	63,600	60,385	62,928	59,758
Transfer from restricted reserves	29	-	-	29	-
Net surplus (deficit)	2,516	2,462	2,988	2,469	2,943
Increase/(decrease) in library collection revaluation reserves	511	-	227	511	227
Increase/(decrease) in restricted funds	(101)	-	-	(101)	-
Total recognised revenues and expenses for the period	2,955	2,462	3,215	2,908	3,170
Equity at end of the period	66,555	66,062	63,600	65,836	62,928

notes to the financial statements

1. Government Operational Funding. This includes monies received from Government by way of an operational bulk grant which is based on Equivalent Full-Time Students (EFTS) levels, and the funding category levels of these EFTS, and specific purpose related grants. An analysis of Government operational funding is as follows:

	2000 Consolidated/ UNITEC Actual \$000	2000 Consolidated/ UNITEC Budget \$000	1999 Consolidated/ UNITEC Actual \$000
Operational bulk grant	37,881	40,837	37,747
Non-EFTS funding	25	25	333
Student loan finance grant	-	-	197
Disabilities grant	160	160	169
Total Government operational funding	38,066	41,022	38,446

2. Surpluses on Trading Activities. Trading activities incorporate the activity areas detailed below which reflect the major income generating activities outside of normal faculty operations. Institute overheads are allocated to these activities on a basis consistent with that applied to faculty operations.

	2000 Consolidated Actual \$000	2000 Consolidated Budget \$000	1999 Consolidated Actual \$000	2000 UNITEC Actual \$000	1999 UNITEC Actual \$000
Income					
Step Up	117	110	117	117	117
Business Development	629	600	476	629	476
Halls of Residence	447	449	456	447	456
Recreation Centre	530	540	536	530	536
Building training projects	259	335	214	259	214
Total income	1,982	2,034	1,799	1,982	1,799
Expenditure					
Trading materials	251	279	172	251	172
Class materials	87	100	93	87	93
Salaries and wages	1,077	889	936	1,077	936
Depreciation	112	99	183	72	143
Administration	414	426	485	606	657
General expenses	715	599	657	715	657
Trust expenditure	108	90	89	-	-
Total expenditure	2,764	2,482	2,615	2,808	2,658
Surplus (deficit) on trading activities	(782)	(448)	(816)	(826)	(859)

3. Other Income. This includes income generated from ETSA Skill Enhancement Programmes, TOP, contract education, donations and other miscellaneous income not specific to individual faculties. An analysis of other income is as follows:

	2000 Consolidated/ UNITEC Actual \$000	2000 Consolidated UNITEC Budget \$000	1999 Consolidated/ UNITEC Actual \$000
ETSA Skill Enhancement	279	30	339
TOP	469	455	468
Contract education	374	727	1,017
Miscellaneous	16	80	117
Total other income	1,138	1,292	1,941

4. Statement of Financial Performance. The net surplus from operations is after allowing for:

	2000 Consolidated Actual \$000	1999 Consolidated Actual \$000	2000 UNITEC Actual \$000	1999 UNITEC Actual \$000
Audit fees - external audit	42	40	40	40
- other services	10	12	10	12
Depreciation	3,762	3,132	3,721	3,092
Council fees	40	40	40	40
Bad debts	358	66	358	66
Interest expense	91	74	-	-
Lease charges	1,823	563	1,823	563

Bad debt levels are higher than in past years due to a more rigorous approach to the use of external debt collection agencies to pursue the ultimate collection of debt. To date \$138,000 of the debts have been recovered.

Council fees exclude remuneration to staff members who serve on Council.

The net surplus includes the capital funding component received as part of Government Bulk Funds. It is the policy of UNITEC to provide for future capital expansion programmes from both this source and other operational funds.

The net surplus of \$2.516 million will be used to meet the outstanding commitments for current capital projects disclosed in the Statement of Commitments as at 31 December 2000 with the remainder going towards meeting the 2001 Capital Works programme not yet committed.

5. Short-term Investments. Short-term investments are made up as follows:

	2000 Consolidated Actual \$000	1999 Consolidated Actual \$000	2000 UNITEC Actual \$000	1999 UNITEC Actual \$000
BNZ short-term investments	2,055	1,052	2,000	1,000
National Bank short-term investments	1,800	-	1,800	-
Westpac short-term investments	3,000	4,000	3,000	4,000
Total short-term investments	6,855	5,052	6,800	5,000

Interest Rates. The effective interest rate was 6.32%

6. Accounts Receivable.

	2000 Consolidated Actual \$000	1999 Consolidated Actual \$000	2000 UNITEC Actual \$000	1999 UNITEC Actual \$000
Trade debtors	562	1,077	562	1,077
Other amounts receivable	5,097	175	5,096	175
Less provision for doubtful debts	(100)	(100)	(100)	(100)
Total accounts receivable	5,559	1,152	5,558	1,152

7. Non-current Assets.

	Cost/Valuation			Provision for Depreciation			Net Book Value		
	2000 Cons. Actual \$000	2000 UNITEC Actual \$000	1999 Cons. Actual \$000	2000 Cons. Actual \$000	2000 UNITEC Actual \$000	1999 Cons. Actual \$000	2000 Cons. Actual \$000	2000 UNITEC Actual \$000	1999 Cons. Actual \$000
Land (Crown)	4,991	4,991	4,991	-	-	-	4,991	4,991	4,991
Land (Institute)	8,120	8,120	7,504	-	-	-	8,120	8,120	7,504
Buildings (Crown)	26,260	26,260	26,260	3,882	3,882	2,594	22,378	22,378	23,666
Buildings (Institute)	28,377	26,356	20,026	2,037	1,805	2,261	26,340	24,551	17,765
Plant and equipment (cost)	6,296	6,296	6,117	4,247	4,247	3,869	2,049	2,049	2,248
Furniture and fittings (cost)	3,562	3,562	3,496	2,563	2,563	2,250	999	999	1,246
Motor vehicles (cost)	1,450	1,450	1,415	1,045	1,045	888	405	405	527
Computer equipment (cost)	10,653	10,653	8,652	7,927	7,927	6,848	2,726	2,726	1,804
Office equipment (cost)	1,677	1,677	1,563	1,164	1,164	1,046	513	513	517
Library collection (valuation)	2,368	2,368	1,732	-	-	-	2,368	2,368	1,732
Total fixed assets	93,754	91,733	81,756	22,865	22,633	19,756	70,889	69,100	62,000

Land and buildings were valued by Robertson, Young, Telfer, registered valuers as at 1 January 1998. The valuation basis is ORC for land and PODRC for buildings. (Refer to Accounting Policy Note 6)

8. Accounts Payable. Accounts payable are made up as follows:

	2000 Consolidated Actual \$000	1999 Consolidated Actual \$000	2000 UNITEC Actual \$000	1999 UNITEC Actual \$000
Trade creditors	405	1,799	388	1,799
Accruals	5,753	3,747	5,753	3,731
Total accounts payable	6,158	5,546	6,141	5,530

9. Non-current Liabilities.

	2000 Consolidated Actual \$000	1999 Consolidated Actual \$000	2000 UNITEC Actual \$000	1999 UNITEC Actual \$000
National Bank loan opening balance	1,321	1,369	-	-
Repayments	45	48	-	-
Closing balance	1,276	1,321	-	-
Current portion loan liability	40	37	-	-
Non-current portion loan liability	1,239	1,284	-	-

Note: The UNITEC Recreation Trust has a 20-year mortgage with the National Bank at an interest rate of 7.42%

10. Provision for Employee Entitlements.

	2000 Consolidated Actual \$000	1999 Consolidated Actual \$000	2000 UNITEC Actual \$000	1999 UNITEC Actual \$000
Provision for holiday pay	2,883	2,312	2,883	2,312
Provision for retirement leave	251	223	251	223
Provision for long service leave	115	102	115	102
Total employee entitlements	3,249	2,637	3,249	2,637

11. Public Equity. This balance consists of the accumulated surplus and reserves.

	2000 Consolidated Actual \$000	1999 Consolidated Actual \$000	2000 UNITEC Actual \$000	1999 UNITEC Actual \$000
Accumulated surplus				
Opening balance	60,759	57,771	60,215	57,272
Net surplus (deficit) for the year	2,516	2,988	2,469	2,943
Transfer from restricted reserves	29	-	29	-
Closing balance	63,304	60,759	62,713	60,215
Restricted reserves				
Opening balance	101	101	101	101
Transfer to accumulated surplus	(29)	-	(29)	-
Transfer to current liability	(72)	-	(72)	-
Closing balance	0	101	0	101
Library revaluation reserve				
Opening balance	357	130	357	130
Revaluation	511	-	511	-
Devaluation		227		227
Closing balance	868	357	868	357

Land revaluation reserve

Opening balance	2,255	2,255	2,255	2,255
Revaluation	-	-	-	-

Closing balance	2,255	2,255	2,255	2,255
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Building revaluation

Opening balance	128	128	-	-
Revaluation	-	-	-	-

Closing balance	128	128	-	-
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General equity	66,555	63,600	65,836	62,928
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12. Reconciliation of the Net Surplus from Operations with the Net Cash Flows from Operating Activities.

	2000 Consolidated Actual \$000	1999 Consolidated Actual \$000	2000 UNITEC Actual \$000	1999 UNITEC Actual \$000
Net surplus for the year	2,516	2,988	2,469	2,943
Add non-cash items:				
Depreciation	3,762	3,132	3,721	3,092
Bad debts written off	358	66	358	66
Non-current assets written off	32	495	32	495
Unrealised change in value of inventory	153	50	153	50
Discount allowed	25	37	25	37
Add (less) movements in working capital:				
Increase (decrease) in fees in advance	7,370	1,737	7,370	1,737
Decrease (increase) in accounts receivable	(4,407)	569	(4,406)	569
Decrease (increase) in prepayments	2	140	2	140
Increase (decrease) in accounts payable	(753)	1,776	(753)	1,775
Decrease (increase) in inventory	231	97	231	97
Increase in employee entitlements	612	434	612	434
Add (less) items classified as investing activities:				
Net loss (gain) on sale of assets	34	18	34	18
Net cash flows from operating activities	9,935	11,539	9,848	11,453

13.Grants. Details of the Income and Expenditure of Grants (GST exclusive) in relation to the purpose for which they are given are set out below as required by the Public Finance Act 1989. These grants have been incorporated in the respective income and expenditure categories.

Types of grants	2000 Consolidated/UNITEC			1999 Consolidated/UNITEC		
	\$000 Income	\$000 Expenditure	\$000 Surplus	\$000 Income	\$000 Expenditure	\$000 Surplus
Teacher education	-	-	-	309	309	0
Special education	25	25	-	25	25	0
Total grants	25	25	-	334	334	0

14. Segmental Information. UNITEC operates predominantly in one industry (tertiary education) and in one geographical area (Auckland, New Zealand).

15. Related Party Information. UNITEC is a wholly-owned entity of the Crown. The Government influences the role of UNITEC as well as being its major source of revenue.

UNITEC enters into transactions with Government Departments and Crown agencies. These are separately disclosed elsewhere in the financial report.

In 2000 UNITEC paid the UNITEC Recreation Trust rental of \$172,000 (1999, \$172,000) for the use of the UNITEC Trust Recreation Centre.

There was no amount owing to or from UNITEC and the subsidiaries at year end.

During the year, UNITEC purchased materials from Goodwood Industries Limited, a manufacturing company of which Mr John Robb, the Chairman of Council of UNITEC, is a director. These goods were supplied on normal commercial terms at a cost of \$3,200. There were no other related party transactions.

16. Financial Instruments. UNITEC has a series of policies providing risk management for interest rates, foreign currency and credit.

Interest Rate Risk. There are no interest rate options or interest rate swap agreements in place as at 31 December 2000.

Foreign Currency Risk. There is no foreign currency risk as at 31 December 2000.

Concentration of Credit Risk. Financial instruments which potentially subject UNITEC to concentrations of risk consist primarily of cash, short-term investments and accounts receivable.

UNITEC places its cash and short-term investments with high-credit quality financial institutions and sovereign bodies, and limits the amount of credit exposure to any one financial institution. Concentrations of credit risk with respect to accounts receivable are limited, due to the low level of revenue generated by individual customers.

The following methods and assumptions were used to estimate the fair value of each class of financial instrument for which it is practical to estimate the value:

Cash. The carrying amount of cash and bank balances is equivalent to their fair value.

Short-term Investments. For the purpose of compliance with generally accepted accounting practice, the carrying amounts of all short-term investments are stated at the lower of cost or market value. The fair value of short-term investments is estimated based on quoted market prices for those instruments at balance date.

Accounts Receivable. The carrying value of all accounts receivable is after making allowance for doubtful debts (\$100,000 for student debtors).

The estimated fair value of UNITEC's financial instruments as at 31 December 2000 is not significantly different from the carrying value.

17. Subsequent Events. No events of subsequence have occurred since balance date that would have a significant impact on future performance.

statement of commitments & contingencies

Statement of Commitments as at 31 December 2000

	Actual 2000 \$000	Actual 1999 \$000
Capital commitments approved and contracted	1,996	1,915
<i>Non-cancellable operating lease commitments</i>		
Property and equipment		
Not later than 1 year	967	828
Later than 1 year and not later than 2 years	943	750
Later than 2 years and not later than 5 years	1,515	739
Later than 5 years	-	-
	3,425	2,317
<i>Other non-cancellable contracts</i>		
At balance date, UNITEC had also entered into non-cancellable contracts for computer maintenance, communications, building services and other contracts of service.		
Details of commitments under these contracts are as follows:		
Not later than 1 year	772	2,049
Later than 1 year and not later than 2 years	772	-
Later than 2 years and not later than 5 years	772	-
	2,316	2,049
Total commitments	7,737	6,281

In addition to the above commitments, Council has authorised the following, but at balance date these were not contracted:

	Actual 2000 \$000	Actual 1999 \$000
Capital equipment	1,600	1,401
Minor capital equipment	844	855
Veterinary referral centre	-	1,865
Marae	250	250
Sports field development	-	100
Siteworks and site services	150	-
Toilet block	75	-
Total	2,919	4,471

Statement of Contingencies as at 31 December 2000

1. There are no outstanding personal grievance claims and no known unresolved student grievances at 31 December 2000. There are no contingent liabilities as at 31 December 2000 (1999, nil).
2. Land owned by UNITEC Institute of Technology is subject to claims under the Waitangi Tribunal. The likely outcome of these claims is unknown.

statement of resources

Site and Location. UNITEC's main campus, with access off Carrington Road, Auckland, has an overall area of 55.05 hectares. Buildings acquired as a result of the purchase from the Auckland Area Health Board in late 1992 are almost fully-integrated into the teaching accommodation requirements of UNITEC. Evaluation of Institute-wide building utilisation levels continues to be a high priority. Extensive analysis of performance in this area is being undertaken prior to the approval of further teaching accommodation.

Gross Building Areas (in square metres). The gross areas on the main campus include administration, bookshops, cafeterias, student and staff services, library, maintenance, Student Union and seminar centre, Student Learning Complex, and Recreation Centre.

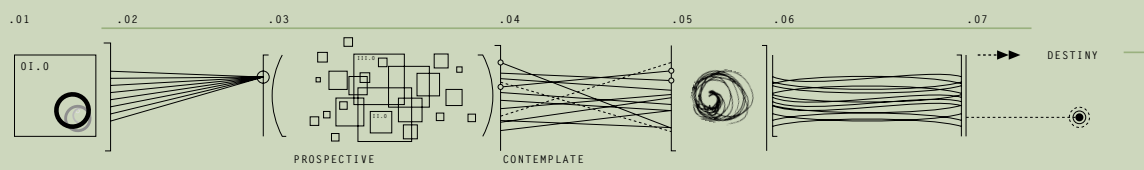
		UNITEC Campus (m2)		
	2000	1999	1998	1997
Purpose-built	43,367	38,565	37,971	38,683
Pre-existing	33,685	38,155	37,351	36,618
Temporary	5,716	6,016	6,099	5,231
Leased premises	N/A	N/A	N/A	3,456*
Total	82,768	82,736	81,421	80,532

* Please note that the gross building area for leased premises in 1998 is not included in the total campus area

Faculty Useable Areas. Teaching areas on the main campus and including the leased premises were distributed across the faculties as follows:

	2000 Faculty Useable Area (m2)	2000 Percent of total	1999 Faculty Useable Area (m2)
Faculties			
Applied Technology Institute	8,922	19.48%	10,093
Faculty of Architecture and Design	17,251	37.68%	19,079
Faculty of Arts and Social Sciences	7,129	15.57%	6,787
Faculty of Business	5,787	12.64%	6,153
Faculty of Health, Science and Technology	6,700	14.63%	9,419
Total faculty useable area	45,789	100.00%	51,531

Calculations are based on the Australian Association of Higher Education Facilities Offices (AAPFA) definitions



appendices

For the year ended 31 December 2000

Pg N^o 71
UNITEC

.04 FUTURE *n. 1. time that is to be or come hereafter. 2. what will exist or happen in future time. 3. a future condition, esp. of success or prosperity. 4. prospects of future success, esp. in a career.*

council of UNITEC

Chairperson

J D S Robb MBA Auck., ANZIM

Deputy Chairperson

A E Wood MIPENZ

Auckland City Council

Secretary (until November 2000)

O T Burnside BCom Auck., ACA

Vice-President Finance, UNITEC Institute of Technology

Secretary (from December 2000)

U R Ewert LL.M Well., MBA Auck.

Registrar, UNITEC Institute of Technology

Members

Dr J A Webster BSc Eng, MSc PhD Aberd., FIE Aust., FIPENZ,

FIE Ireland, MACE

President and Chief Executive, UNITEC Institute of Technology

B D Archer BLA

Student Representative (until August 2000)

P Wilkening

UNITEC Student President

Student Representative (from September 2000)

S M Chan JP, BCom, MTax Auck., FCA, CMA, ANZIM, METI

Institute of Chartered Accountants New Zealand

Prof. R Dunkin BA (Hon), LLB, PhD Melbourne, MPA Harvard

Co-opted – RMIT, Melbourne

A Q Dickinson FNZIQS, AAIQS

Ministerial Appointment

G Costello LLB Auck., CPM & IR

Employees' Representative

M L A Glen FIPENZ, IPM Uk

Ministerial Appointment

K Millar Allied Staff Representative

UNITEC Institute of Technology

H Lieshout

Auckland Master Builders Association

W Oldfield BSc Auck., BBS Massey, Dip Tchg

Academic Staff Representative

UNITEC Institute of Technology

R T Reid

Co-opted - Waitakere City

M S Tunks Dip ISI City & Guilds Lond., Dip Ed Studies, TTC (HomEc) ACE

Whanau O Waipareira

G A Thorby JP

Ministerial Appointment

Sir J J Turei KNZM, CBE, QSM, Hon BIC, 1990 Com. Medal

Runanga, UNITEC Institute of Technology

seniormanagementofUNITEC

Chief Executive and Vice-Presidents

President and Chief Executive

Dr J A Webster BSc Eng, MSc PhD *Aberd.*, FIE *Aust.*, FIPENZ, FIE *Ireland*, MACE

Vice-President Finance

O T Burnside BCom *Auck.*, ACA

Vice-President Campus Development

R M Paul BArch(Hons) *Auck.*, ANZIA

Vice-President Academic

A P Codling BSc(Hons), MSc *Auck.*, MEdAdmin *NE.*

Registrar (from November 2000)

U R Ewert LL.M *Well.*, MBA *Auck.*

Pae Arahi

H M Williams QCM, JP, BA *Auck.*, Dip Tchg

Directors

Human Resources (until July 2000)

C A Wright BA(Hons) *Massey*, DipBusSt

Marketing and Communications

R A Walshe BA *Otago*, MBA *Massey*, DipTchg, PGDipArts

Academic Development

B J O'Connor BSc(Hons) *Otago*, MPhil *Auck.*

Associate – Director

Planning and Student Affairs

T J Fulljames MEdAdmin *Massey*, NZDipBus, AdvDipMgmt, LTCL, MNZIM

Deans

Applied Technology Institute

Dr M A Hall BSc *Oakland*, MEd *Auck.*, PhD *Southern California*, MINZMI, MSAE, NZATC (Auto Eng)

Architecture and Design

J P Boon MBA, MProp *Auck.*, FRICS, ANIQS, MNZIOB, MAACE, MAIPM

Arts and Social Sciences

R V Smyth LLB(Hons) *Belf.*, MEd *Auck.*, DipEd, PGCE

Business

Prof. G M McDonald BBS *Massey*, MBA *W.Aust.*, PhD *Lond.*

Health, Science and Technology

Dr J E Harman MSc, PhD *Lond.*

Senior Corporate Managers

Centre for Learning Technologies

R L Elliott FASCTA, MIST, MRSNZ

Centre for International Education

J A Lydia BA *Massey*, DipTchg, DipSocSci

Wagener Library

J E Lewins NZLAG, DipMgt

Information Technology Support Centre

A J McMaster ME *Auck.*, MemTEEE, MIPENZ

UNITEC Awards

Honorary Fellowship

The UNITEC Council confers Honorary Fellowships for notable, outstanding and exceptional dedication contributing significantly to the Institute's past, present and future.

2000 No award was conferred.

1999 Brian Astill
Deputy Chief Executive 1985 – 1998, joined UNITEC as Head of Accountancy, Law and Finance in 1980.

1998 Douglas Armstrong
President and Chief Executive Officer 1985 – 1998, foundation staff member 1976

1998 Bryan Bartley
Chairman of Council, 1991 - 1998

1997 Alan Wood
Deputy Chairman, serving UNITEC Council 1978 - 1997

1996 Beryl Hughes
Member of Council 1986-1996, previously serving on Nursing Advisory Board

1996 Ken Woods
Tutor (carpentry), foundation staff member 1976-1996

1996 Robert (Bob) Harvey
Supporter and advocate of UNITEC over many years

1995 Ken Williams
Member of NDA programme, Business Advisory Committee member from 1990, industry liaison

1995 Jim Hughes
Lecturer (quantity surveying), foundation staff member 1976 - 1995

1994 Tom Dixon
Member of Council 1987 - 1990, Architecture Advisory Committee member from 1987

1994 Noelene Main
Registrar 1975 - 1989, Secretary to Council 1975 - 1989

1994 John Turei
Member of Council from 1987, Kaumatua from 1985

1992 Gordon Glover
Member of Council 1979 - 1990

1992	Hal Puch	
	Associate Director 1985 - 1992	
1992	Wilf Wagener	
	Inaugural Chair of Council 1975 - 1990	
1991	Charles Taylor	
	Inaugural Principal 1976 - 1985	

Trust Staff Awards

These annual awards are presented to outstanding staff in recognition of the excellence and considerable service they bring to all levels of the Institute's success.

Teaching Excellence

Recognises staff that demonstrate excellence in teaching and a commitment to continuously improve their teaching.

2000	Jenni Percy	Arts & Social Sciences
	Dorina Jotti	Architecture & Design
	Ross Dewstow	Business
	Malcolm Angus	Health, Science & Technology
	Don Mardle	Applied Technology Institute

Programme Leadership

Acknowledges the crucial role played by Programme Leaders in meeting the demands of students, staff colleagues and Heads of Department.

2000	Linda Keesing-Styles	Arts & Social Sciences
	Laurie Richardson	Applied Technology Institute

Service Leadership

Endorses excellence, service and leadership by leaders of central units or faculty administration staff.

2000	Jude Lydia	Centre for International Education
	Greg Fitzpatrick	Arts & Social Sciences

Quality of Service

Recognises the importance UNITEC places on the quality of service our clients experience from both academic and allied staff.

2000	Mag Rahui	Course Information
	Robyn Archer	Health, Science and Technology
	Margi Grey	Arts & Social Sciences
	Lyn Hart	Business
	Laura Hopkins	Business

Research Excellence

This award recognises research excellence that supports the goals, direction and programmes of a department and UNITEC. The research has been peer reviewed, either externally or within the faculty.

2000	Dr Yunxia Zhu	Arts & Social Sciences
	Dr Dan Blanchon	Health, Science and Technology

Exceptional Service

This award acknowledges a sustained contribution to UNITEC's progress in achieving a significant, sustained and substantial contribution to UNITEC's progress in achieving its goals by taking a leadership role in a key project.

2000	Ray Meldrum	Directorate
	Mark Barrow	PeopleSoft Implementation Project
	Taiaha Hawke	Puukenga / Maia

Advisory Committees 2000

Accountancy, Law and Finance

Chairperson – K Williams, Williams & Co, Chartered Accountants, Auckland

Members – G Cathcart, Senior Manager Business Development, AGC (NZ) Ltd • C McKnight, Auckland • J Sinclair, Principal, Lynfield College • G Stewart, Managing Director, Stewart Insurance Ltd • B McLean, ACE Training Ltd • C Young, O'Halloran and Co Ltd • J Sutherland • R Nadarajah, Auckland • P Leighton, BBS Student Representative.

UNITEC Staff – G McDonald, O Burnside, B Bennett, P Cruickshank, L Rainsbury, D Hodges, L Hopkins.

Animal Technology

Chairperson – M Robson, Onewa Road Vet Hospital Ltd

Members – T Didovich, Manager Waitakere City Council • M Robson, Onewa Rd Vet Hospital Ltd • M Simpson, Auckland Veterinary Services Ltd • S Standley, Curator, Auckland Zoo • A Wilson, Auckland • S Bruce, Guide Dog Services • V Lee • P Blomkamp, CEO NZRSPCA • A Strecker • D Rees

UNITEC Staff – Dr J Harman, R Paul, J Nicholson, D Barrowman, A Newington, J Stanton – Jones, V Williams, D Fraser

Applied Management

Chairperson – W Gill, Manager, Employee Relations, CHH Packaging Ltd

Members – T Butler, Director, Frame Group Ltd • J Hooper, IATA – UFTAA Co –ordinator, NZ / SW Pacific • W Squires, General Manager, National Technology and Management Services Ltd • D Pigneguy, Adventure Cruising Company • B Richardson, Retail Merchants Association • D Sinclair, Aarke Graphics, Auckland • R McLauchlan, Regional manager Sales / Marketing New Zealand, Accor Asia Pacific Ltd • P Denby, Gibbs Real Estate Institute

UNITEC Staff – Prof G McDonald, P Bretherton, N Burchell, R Bhat, , H Mitchell, E Murray, G Wilson, Prof H Frederick, Assoc Prof P Mellalieu

Architecture

Chairperson – M Bowes, Bowes Clifford Thompson Ltd, Architects

Members – A Bell, Pete Bossley Architects Ltd • L Naismith, Architects • J Sofo, Andrews Scott Cotton Ltd • E MacKellar, Jasmax Ltd • L Reilly, Auckland

UNITEC Staff – J Boon, T van Raat, R Birchmore, J Sutherland, M Austin

Business Administration

Chairperson – A Briggs, Personal Assistant, Bell Gully Solicitors, Auckland

Members – A Perry, Administration Manager, Auckland Girls Grammar School • O Lee-Cusack, Account Manager, Drake Personnel, Auckland • A Stowers, Manager, Mahina Business Services, Auckland • T McGillivray, Assistant to Senior Management, Gordon & Gotch (NZ) Ltd, Auckland • F Ulrich, Auckland • M Mulholland, Manager, Imarj Corporate Excellence, Auckland • A Vandermade, Manager, Strategic Investment Group Ltd, Auckland • J Wattam, HoD Commerce, Marist College, Auckland • I Holmes, Student Representative • S Olsson, Student Representative • P Drego, Student Representative

UNITEC Staff – G Goodwill, D Billings, O Burnside, J Holden, S Knight, M-E Bezzant

Carpentry

Chairperson – **Rotated**

Members – W Barnes, Human Relations Manager, Hawkins Construction Ltd • G Shuttleworth, NZ Certified Builders Association Inc. Auckland • R Bindon, Auckland • P West, Auckland • G Morris, BCITO • D Savage, Gibson and O'Connor Ltd • D O'Connell, NZ Building Trade Union, Auckland • G Matches, Matches Construction, Auckland • G Matthews, Hawkins Construction Ltd, Auckland • K Bisman, Hawkins Construction Ltd, Auckland • P Neven, Fletcher Construction Ltd, Auckland • N Ainley, Cabella Construction Ltd, Auckland

UNITEC Staff – Dr M Hall, R Harrison, P Jeurissen, R Paul

Civil Engineering

Chairperson – Doug Low, Morrison Low Consultants Ltd.

Members – G East, Geotechnical Scientist, Works Consultancy • C Ellis, Commercial Manager, Fletcher Construction Ltd • Dr P Lipscombe, Senior Engineer, Woodward Clyde Ltd • S Scott, Business Development Manager, McConnell Dowell, Constructors • D Booth, McBreen Jensen Contractors • M Brown, General Manager, Works Civil Construction • R Frost, Beca Carter, Hollings & Ferner • T Gibson, Gibson Consultants • W Busch, Meritec Ltd, Auckland

UNITEC Staff – J Boon, F Kirman, J Leaver, R Paul, D Phillips

Communication

Chairperson - S Hart, Director, Sheffield Consulting Group Ltd

Members - J Alley, Jan Alley & Associates • J Cartwright, Consultant, RW & JR Cartwright Consulting Ltd • L Dover, Fletcher Aluminium • Professor K Inkson, Massey University • S Lewis, TVNZ • A Radford, Consultant, Strategic Communications • R Simanu, Educational Advisor, Pricewaterhouse Cooper • D Holland, Student • K Sim, Student Representative

UNITEC Staff - R Smyth, J Harrison, A Codling

Community Studies

Chair: B Hagan, Catholic Family Community Services

Members - K Penetito, Department of Internal Affairs • Y Knipe-Ackerman, Community Corrections • L Taufauata, NZ Children & Young Persons • D McGray, West Auckland WEA • J Lake, Community Worker and Social Policy Analyst • J Wilson, Counsellor, AUT

UNITEC Staff - R Smyth, G Rennie, O Burnside

Construction and Quantity Surveying

Chairperson - A Dickinson, Rawlinson & Co Ltd

Members – P Deane, CEO Mainzeal Construction Limited • R Beaven • G Cairney, Director, Tandem Associates Ltd • B Dackers, Rider Hunt Holmes Cook Ltd • R Beaven • R Knowles, Dean, Murray & Partners Ltd • M Reilly, Canam Construction Ltd • B Purdy, Director, Akita Construction Ltd • A Martin, Downer Construction (NZ) Ltd • P Waterhouse, Maltby & Partners Ltd • M Quartermaine, External Examiner • J Morrow, Gibson O'Connor Ltd • S Brannigan • B Younger, Hawkins Construction Ltd • R Bryant, Octa Associates Ltd • V Smith, Kiwi Income Property Trust Ltd • R Prasad, Student Representative

UNITEC Staff – J Boon, R Birchmore, J Sutherland, P Quinnet, D Nummy, L Kestle

Critical Studies

Chairperson – P Clarke, Creative New Zealand

Members – J Wild, Manager, Auckland Research Centre, Auckland City Library • D Bassett, Department of Art History, University of Auckland • T Wilkinson • R Dale, Auckland • M Holehan, Lopdell House Gallery, Auckland • L Le Valliant, Auckland Museum • A-R Lewis, Auckland

UNITEC Staff – J Boon, M James, Assoc Prof D Lloyd- Jenkins, A Pretty

Design Management

Chairperson – M James, HOD School of Design, UNITEC

Members – P Haythornthwaite • B Richards • F Young

UNITEC Staff – J Boon, D Bogunovich, P Sharma, N Charlton, D Gatley, E Prince

Diploma in Maori Fine Arts

M Lander, University of Auckland • D Campbell • W Henskes, General Manager, Te Wananga O Aotearoa (Mangere) • P McCord, MIT

UNITEC Staff – Y Hawke, K Te Kanawa, J Wikitera, J Hohaia, B Woolford.

Diploma in Te Reo me nga Tikanga

Chairperson – M Nathan, Kaiwhakahaere, MIT

Members – • M Paki Slater, AUT • J Bennett, • B Tawhiti, Lynfield College • A Keil, Waitakere College • N Heeni

UNITEC Staff – H Williams, H Paniora, R Smyth, B Woolford

Early Childhood Education

Chairperson – A Dean, Auckland College of Education

Members – E Howie, Manager, South Auckland Barnados • H Alach, Supervisor, UNITEC Childcare • P Hughes • M Moss, Head Teacher, Avondale Kindergarten • D Reihana-Ruka, Auckland College of Education • J Latter, Supervisor, Nanny Network • L Smith, Student

UNITEC Staff – C Cardno, J Clinton, R Smyth, G Rennie, N Paxton, L Keesing-Styles

Education

Chairperson - B Laing, Principal, Wesley Primary

Members – B Barwood, Principal Te Kauwahta College • J Fleming, Principal, Pt Chevalier School • I Gardiner, Educational Industrial Consultant • D Graham, Principal, Oranga Primary • G Taylor, Principal, Mt Albert Grammar School • Joy Eaton, Student • L Guy, Principal, New Windsor School • S Hale, Apple Education Advisor • M Moss, Social Worker in Schools • B Laing, Principal, Wesley Primary • R Palmer, Dean:Professional Development, Auckland College of Education • L Tuioti, Education Consultant

UNITEC Staff - C Cardno, A Codling, J Halliday, J Clinton, R Smyth, P Coogan, T Fitzgerald, H Williams, S Edwards

English & Applied Linguistics

Members - T Makonen • B Gondol • E Lind-Mitchell, WINZ • G Howell, Waitakere Multi Cultural Society • M Crombie, Refugee & Migrant Service • P Hayes, Personnel Manager, Pak N Save, C Elder, Associate Professor, University of Auckland • Niu Ta'ala, ACBS Institute • S Chae • T Huang

UNITEC Staff – L Bellingham, R Smyth

Fono Faufautua – Pasifika Council

Chairperson – Panama Leauanae, Leumae & /assoc.

Members – L Laing, Principal, South Auckland • T Fasi, Director, Fasi Associates • S Stehlin, Producer Tangata Pasifika, TVNZ • M Anae, Lecturer, Pacific Studies, University of Auckland • B Amosa, Gen Mgr, AS Integrations • S Sefuiva, Consultant, Samuel Sefuiva & Assoc. • W Holahia, Area Mge, Netter Communications

UNITEC Staff – Dr J A Webster, A Codling, L Aumua, T Utumapu, J Olio, G Fitzpatrick, J Puia (Sec)

Forensic Psychiatric Care

Chairperson – DR Souza, Faculty of Health Science, UNITEC

Members – J Harding, Manager, Medical Unit, Mt Eden Prison • E Wellington, Forensic Services, Waikato Hospital • J Symonds, Manager Forensic Services, Waikato Hospital • P Rossenrode, Totara Unit, Mason Clinic • A Walsh, Mason Clinic • I Samuels, Mason Clinic

UNITEC Staff – Dr J Harman, H Moore, L Latham, L Mitchelson, J Lewins

Foundation Studies

Chair – Dr T Fitzgerald

Members – J Norman • J Tunks

UNITEC Staff - J Nicholl, J Hogan, M Parson, L Kestle, L Aumua

Higher Education

Chairperson – O Kelly, Manukau Institute of Technology

Members - A Edwards, Professional Development Unit, Northland Polytechnic • N Haigh, Director, Teaching & Learning Development Unit, Waikato University • J Leslie, Morgan & Banks Consultancy • J Reid

UNITEC Staff – C Cardno, J Arlidge, M Panko, M Hall, B O'Connor, N Shackleford, R Smyth

Horticulture

Chairperson – Dr K Hammett, Private plant breeder

Members – L Jeff, Auckland • J Skelton, Fruitfed Supplies Ltd, Auckland • J Pearce, Auckland • G Leadley, Northern Flower Growers Association • T Ivceovich, The Vegetable & Potato Growers Federation • G Keymer, Eastern & Global Exporters • Dr R Bielecki, Hort Research • P Harvey • P Schaefer-Hunt, Morrisons Florist, Auckland • B Brett, Nursery & Garden Industry Assoc. •

A Julian, Auckland City Council • M Ayrton, Park Director, Cornwall Park Trust Board • A McGee, Waitakere City Council M Liptrot, Student Representative • J Sala, Student Representative

UNITEC Staff – N Beck, J Harman, R Lewthwaite, A Codling, I Ennis, B Ringer

Information Systems and Computing

Chairperson – A Williamson, Director, Wairua Consulting Ltd

Members – J Cater, Head of Department of Business Computing and Economics, Manukau Institute of Technology • E Riske, Candle NZ Ltd • I Howard, Principal, I&A Services Ltd • L Janczewski, Senior Lecturer, Department of Management Science and Information Systems, University of Auckland • G Biggs, General Manager, Wang New Zealand • M McElroy, Information Systems Manager, Cavalier Bremworth Corporation Ltd • H Robinson, Masterpack International Ltd • M Wootton, Datacap Ltd • B McLean, Ace Training Ltd • R Delany, North Shore Hospital • S Corich, EIT • N Williams, IT • B Christiansen

UNITEC Staff – R Paul, G McDonald, G Goodwill, D Billings, J McMaster, A Young

Interior Systems

Chairperson – (rotated among members at each meeting)

Members – S Robinson, Robinson Furniture Ltd • I Midgley, Whenuapai Joinery Ltd • G McNaughton, Manager, M J N McNaughton Ltd • G Smith, Franklin Laminates Ltd. • D Heaney, Pakuranga Joinery & Cabitmakers Ltd

UNITEC Staff – R Harrison, O Burnside, B Canty

Landscape

Chairperson - B Glennie, Editor, Landscape New Zealand

Members – J Goodwin, Boffa Miskell Ltd • J Childs, Auckland • R Stilwell, Director, McConnell International Property Ltd, Auckland • M Buckland, LA4 Landscape Architects Ltd • P de Jaeger, Designer, Natural Habitats Ltd, Auckland • J Hudson, NZ Institute of Landscape Architects • D Serville, Crew Cut Property Maintenance Ltd • C Blackford, Auckland Regional Council • G Hanly, Artist, Auckland • H Muir, Student Representative

UNITEC Staff – N Beck, R Barnett, Dr J Harman, R Paul, P Clifflin, K Simon

Land surveying

Chairperson – D Stewart, Principal, Connell Wagner Ltd

Members – K Martin, Principal, Harrison Grierson Consultants • P Henry • R Miller, Team Leader, Subdivision Consents, City Environments

UNITEC Staff – J Harman, O Burnside, D Ringham, J Adams, J Leaver, K Clark, D Phillips

Languages

Chair: N Shackleford, Head, School of Languages, UNITEC

Members – J Mortimer-Hughes, Head of Languages, Marist Sister's College • G Raven, Robert Bosch Ltd • Dr J Campbell • E Ashby, Spanish Teacher • J Woods, Trade NZ • W Thompson, International Languages Advisor, ACENZ

UNITEC Staff – R Smyth, J Lydia, J Bronnimann

Maori Education Runanga

Chairperson – J Mariu, Kai Whakarite

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UNITEC Staff – Dr J Webster, A Codling, Y Hawke, R Paul, T Ahloo, R Smyth, H Paniora, H Lambert

Marine Technology

Chairperson – Dave Fisher, Faculty of Applied Skills, UNITEC

Members – L Stevenson, Lloyd Stevenson Boatbuilders Ltd • B Wood, Marine & Industrial Ltd • C Sandford,

BITO • B Ballard, Marten Marine Industries Ltd • C Pollock, Genesis Marine Ltd • R Raynes, Marine Creations Ltd • G Elliott, Elliott Boat Design Ltd

UNITEC Staff – A Codling, C Sherab, C Lovegrove, R Shaw

Medical Imaging

Chairperson – J Hooper, NZ Representative, IATA/UFFTA

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S Heap, University of Auckland • M List, National Womens Hospital, Greenlane, Auckland • P Orr, Auckland Hospital D Reyburn, Middlemore Hospital, Auckland • C Du Toit, Auckland • J Stumpel, Radiologist, Greenlane Hospital

UNITEC Staff – Dr J Harman, A Codling, J Nicholson, J Yelder, A Thompson, J Lewins

Mental Health

Chairperson – Dr J Harman, Dean, Faculty of Health, Science & Technology, UNITEC

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Nursing

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UNITEC Staff – J Harman, O Burnside, E Niven, D Dignam, M Parsons, M Drake

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Members – P Joliffe, Operations Manager, J R Webb & Son Ltd • M Allmon, Glenfield Coatings Ltd • P Hiscotte, Marketing Coordinator, Spectrum Painting Co • C Campbell, Managing Director, Colin Campbell Painting Contractors • B Whalley, Managing Director, Benjamin Moore Paints Ltd

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Performing and Screen Arts

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Members – S Bradshaw • C De Nave, Oceania Productions Ltd • M Eyre • J Finn • W Ihimaera • S Jordan, University of Auckland • L Narbey • M O'Connor • I Rodgers • D Selwyn • J Simei – Barton • G Strawhan

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UNITEC Members – J Boon, P Quinnell

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Chairperson – D Thom, Kingston Morrison Ltd

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UNITEC Staff – J Harman, A Codling, J Leaver, J Seadon

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Chairperson - **R Thomas**, Workbridge

Members – D Hutton, Rutherford High School • S Kasza, Rehab Plus • K Crawford, Parent • T Stevens, • P Mirko, Work & Income • P Roebuck, Spectrum Care • S Gunning, Parent • C Ferguson, Lynfield College • E Geddes, Workbridge • L Matheson, WINZ • C Smith, Oaklyn Special School • J Cummings, IHC • J Mills, Advanced Supported Employment

UNITEC Staff – P Ball, L Hand, J Nicholl, R Smyth, W Russell

Sport

Members – S Dunning, Sport North Harbour • L Jacobson, Counties Manukau Sports Foundation • T Baldwin, Rebel Sport Auckland Basketball Team • I Hunter, lecturer, AUT, Auckland • M Iverson, Sports Waitakere, Auckland • G Norton, Auckland • P McDonald • V Carpenter, Auckland College of Education • P Pfitzinger, Uni-Sport Centre, Auckland • P Hume, University of Auckland

UNITEC Staff – Prof R McConnell, J Harman, J Nicholson, O Burnside, I Doust, C Lewis, N Turner, L Ferkins

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UNITEC Staff – J Boon, M James, A Pretty, N Charlton

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UNITEC Staff – J Boon, M James, J Malcolm, M Harris, A Pretty

glossary

DWI Department of Work and Income

EEdO Equal Educational Opportunity

EEO Equal Employment Opportunity

EFTS Equivalent Full-time Student

FTE Full-time Equivalent

Green Card A summary of course information and standards for every student enrolling in every course as part of UNI Q

GST Goods and Services Tax

ITO Industry Training Organisation

ITSC Information Technology Support Centre

MoE Ministry of Education

NZPPC New Zealand Polytechnic Programmes Committee

NZQA New Zealand Qualifications Authority

ODRC Optimised Depreciated Replacement Cost

ORC Optimised Replacement Cost

SEQUAL Student Evaluation of Quality and Learning

SISC School of Information Systems and Computing

SMT Senior Management Team

SNZ Skill New Zealand

SSR Student : Staff Ratio

STAR Secondary Tertiary Alignment Resources

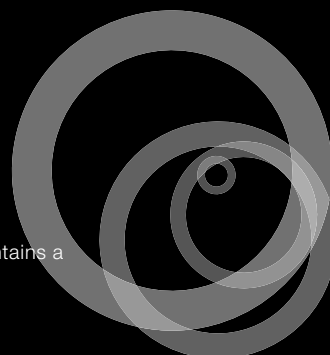
TEAC Tertiary Education Advisory Committee

TOP Training Opportunities Programme

UNI Q A five point plan of quality assurance

USU UNITEC Student Union

WWW World Wide Web or Internet. UNITEC maintains a homepage at www.unitec.ac.nz





Photography Credits:

Colleen Tunnicliff:

41.01, 41.02, 43.01, 43.05, 45.03, 45.04, 47.01, 47.03,
49.01, 49.02, 50.01, 50.02

43.02 Justine Pollock (Design by Joanna Campbell)



UNITEC
AUCKLAND • NEW ZEALAND
Te Whare Wananga o Wairaka

UNITEC

Carrington Road, Mount Albert. Private Bag 92025, Auckland, New Zealand

Phone: 64-9-849 4180, Facsimile: 64-9-815 2901

www.unitec.ac.nz
