

(6) That the policy for development in mechanical engineering be based on the assumption that there will be a demand for some years for engineers who obtain their professional qualifications while employed in industry. (Page 35.)

(7) That for some years a proportion of professional engineers should be trained by means of courses leading towards Diplomas in Professional Engineering. (Page 34.)

3. *Section 10 : Courses Leading to Degrees in Engineering*

(1) That the question of building a new engineering school at Canterbury be considered to be one of the greatest urgency, that steps be taken to secure a suitable site, and that the building be given a high priority. (Page 43.)

(2) That the equipment of the Auckland University College School of Engineering be improved and that further equipment be provided to permit the extension of the courses in civil and electrical engineering to the final year of the B.E. course. (Page 44.)

(3) That as the present prescriptions in mathematics for University Entrance and University Entrance Scholarships are too narrow, the University of New Zealand be strongly urged to broaden them. (Page 41.)

(4) That, as soon as the necessary facilities can be made available at technical schools or technological colleges for other students in engineering, the University engineering course be restricted to those students proceeding to a degree in engineering. (Page 46.)

(5) That if at any time further restriction is necessary, having regard to the number of engineering graduates which the Dominion can reasonably be expected to absorb, selection of students for this purpose be made at the end of the Engineering Intermediate Course. (Page 41.)

(6) That optional subjects (locomotive engineering and refrigeration engineering) be added to the list of subjects for the third professional examination for the degree of Bachelor of Engineering (Mechanical). (Page 46.)

(7) That a subject (telecommunications) be added to the list of subjects for the third professional examination for the degree of Bachelor of Engineering (Electrical), and that this subject be optional with hydraulics and pneumatics. (Page 46.)

(8) That the University of New Zealand consider the institution of supplementary examinations for the professional years of the B.E. degree. (Page 45.)

(9) That the University of New Zealand be asked to investigate the question of establishing a Master's Degree in Engineering. (Page 46.)

(10) That the Schools of Engineering provide, from time to time, short post-graduate courses in special branches of engineering in which important recent developments have taken place. (Page 47.)

(11) That means be provided to permit engineering teachers at the University schools of engineering, and the technical schools to return periodically to active practice. (Page 47.)

(12) That the possibility of engineering specialists giving short lecture courses be explored, and that greater use be made by the University schools of engineers who would lecture on a part-time basis and practise part time. (Page 47.)

(13) That there be a greater amount of co-operation between University college engineering staffs and engineers under whom students are carrying out practical work to ensure that students are making the best possible use of the time spent in practical work. (Page 47.)

(14) That the staffing at both University schools of engineering be sufficiently liberal to permit of a reasonable amount of research being undertaken. (Page 48.)