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City of Dublin Vocational Education Committee

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VOCATIONAL EDUCATION COMMITTEE FOR THE
CITY OF DUBLIN

Right Rev. Monsignor John Canon Fitzpatrick, M.A., D.D., P.P., V.P. (Chairman), St. Cronan's, Main Street, Bray, Co. Wicklow.
Councillor John McCann, 115 Fortfield Road, Terenure, Dublin 6.
Councillor Joseph Barron, 10 South Circular Road, Portobello, Dublin 8.
Councillor Mrs. Catherine Byrne, 5 Seaforth Terrace, Sandymount, Dublin 4.
Mr. Sean O'Hanlon, P.C., 1 Turlough Gardens, Phibsborough Avenue, Dublin 3.
Councillor Gilbert Hughes, 24 Gill Eanna, Howth Road, Raheny, Dublin 5.
Mr. Kevin McCarthy, 74 Castle Avenue, Clontarf, Dublin 3.
Diarmuid Ullasal O h-Almhain, Tigh Michil, Dealgan, Co. Ath Cliath.
Mr. Liam Hogan, P.C., 5 Jamestown Road, Inchicore, Dublin 8.
Councillor Mrs. C. Lynch, 156 Botanic Road, Glasnevin, Dublin 9.
Councillor Michael Mullen, T.D., 202 Navan Road, Dublin 7.
Mr. Patrick Donegan, 126 Shanard Road, Santry, Dublin 9.

Offices: Town Hall, Merrion Road, Ballsbridge, Dublin 4.

MARTIN M. GLEESON, M.A., B.COMM.,
Chief Executive Officer.

CITY OF DUBLIN VOCATIONAL EDUCATION
LOCAL SUB-COMMITTEE

College of Technology, Bolton Street

Mr. Gerald Doyle, Dublin Operative Plasterers' Trade Society.
B. O Cearbhall, Dublin Typographical Provident Society.
Mr. G. F. Hetherington, Dublin Master Printers' Association.
Mr. J. Mulhall, Irish National Painters' Union.
Mr. J. Farrell, Ancient Guild of Brick and Stonemasons' Union.
Mr. J. Dolan, Master Builders' Association.
Mr. S. O'Hanlon, P.C., 1 Turlough Gardens, Phibsborough Ave., Dublin 3.
Mr. D. Nolan, 44 Kemelston Road, Palmerstown.

Offices: The College of Technology, Bolton Street, Dublin 1.

DONAL F. O'DWYER, B.ARCH., F.R.I.A.I.,
Principal.

Telephone: 43553-4/40401.
Building Trades—contd.

A. J. GALLAGHER
T. FINLAY
H. A. HALLETT
M. O'NEILL
J. CARROLL
C. CLARKE
WILLIAM JOYCE
GERARD L. WALL
C. M. FORDE
THOS. F. POWER
ARTHUR C. SIBTHORPE
FRANCIS O'CONNOR
PATRICK HOLohan
DAN. FARRELL
L. DONELLY
J. MORAN
J. COYNE
G. CLARKSON
GERALD DOYLE
LEO CRAWFORD
DONAL O'REILLY
M. MORRISSEY
N. CONNOLLY
E. MULLIGAN
JOHN P. O'LEARY, National Amalgamated Society of Painters.
JOHN MULHALL, Irish National Painters' and Decorators' Trades Union.
L. RIDDON, United House and Ship Painters' Union.
G. J. ROBERTS, Coach and Motor Body Builder.
R. CALLOW, Robert Calow & Sons Ltd.
H. R. ARMSTRONG, Brooks, Thomas & Co. Ltd.

Mechanical Engineering

J. CASSIDY, General Secretary, National Engineering Union, 33 Gardiner's Place, Dublin 1.
A. P. TUKE, Irish Engineering Industrial Union, 6 Gardiner's Row, Dublin 1.
H. LENNOX, General Manager, Liffey Dockyard Co., East Wall, Dublin 3.
S. O'FLAHERTY, Managing Director, Messrs. Motor Distributors Ltd., Naas Road, Dublin 8.
GEORGE WATT, Rock Brook, Dunrhum Road, Dublin 14.
DISTRICT SECRETARY, United Society of Boilermakers and Iron and Steel Builders, 11 Richmond Hill, Rathmines, Dublin 6.

Motor Engineering

A. McCauley, B.Sc., Assistant Mechanical Engineer, C.I.E.
CHARLES WARREN, Society of Irish Motor Traders.
P. THEWLIS, President, Irish Automobile Drivers' and Auto-Mechanics' Union, 99 Drimnagh Road, Dublin 12.
A. P. TUKE, Irish Engineering Industrial Union, 6 Gardiner's Row, Dublin 1.
ROBERT J. PORTER, Messrs. R. W. Archer & Co. Ltd.
PATRICK PLANAGAN, Messrs. McCarthys Motors Ltd.
JOHN KEENEY, L.S.E. Motors Ltd.
MAURICE FOLEY, Institute of Motor Industry.

THE COLLEGE OF TECHNOLOGY
BOLTON STREET, DUBLIN, 1

Principal:
DONAL F. O'DWYER, B.Arch., F.R.I.A.I.
Vice-Principal:

The work of the College is organised into three Departments as follows:

1. The Department of Architecture and Building:
   Head of Department: THE PRINCIPAL.
   Assistant Head of Department (Acting): ALBERT J. BRADY, B.Arch., M.R.I.A.I.
   Departmental Assistant (Architecture and Building Technology): JOHN J. O'KEEFFE, B.Arch., M.R.I.A.I.
   Chief Instructor Building Trades: ROBERT GRIMES, FULL TECH. C. & G.
   Senior Instructor, Carpentry and Joinery: T. BRIDGERMAN, A.B.I.C.C., FULL TECH. C. & G.
   Senior Instructor, Plumbing and Welding: J. BOLTON, A.M.INS.T.W., FULL TECH. C. & G.
   Senior Instructor, Furniture Trades: M. MURRAY, HONS. C. & G.

2. The Department of Engineering:
   Head of Department: THE VICE-PRINCIPAL.
   Assistant Head of Department: GEORGE L. LATCHFORD, B.E.
   Departmental Assistant (Engineering Technology): D. FITZGERALD, B.E.
   Head of Motor Engineering Division: JOHN GURKE, MAN.INS.T.CERT. (HONS.).
   Chief Trades Instructor: Departmental Assistant (Engineering Trades): T. MURPHY.
   Head of The Science Division: JAMES A. NUNAN, B.Sc., H.DIP.ED

3. The Department of Printing and Book Production:
   Head of Department: WILLIAM J. FITZPATRICK, FULL TECH. C. & G.
   Assistant Head of Department: CHRISTOPHER J. MCGILL, FINAL C. & G.

Spiritual Directors:
REV. JOHN MAVOY, S.J. REV. E. MCAVAY, S.J.
REV. J. REDMOND, S.J.
WHOLE-TIME TEACHING STAFF

Architectural Subjects:
A. Brady, B.Arch., M.R.I.A.I.
A. Johnson, B.Arch., M.R.I.A.I., A.R.I.B.A.
D. O'Dwyer, B.Arch., F.R.I.A.I.
J. O'Keefe, B.Arch., M.R.I.A.I.

Engineering Subjects:
D. Fitzgibbon, B.E.
J. Gribben, MAN.INSTR.CERT. (Hons).
D. Healy, B.E., A.M.A.I.E.E.
G. Latchford, B.E., B.Sc.
J. F. McQuillan, GRAD.I.Mech.E.
W. O'Brien, L.R.I.C.
M. O'Donnell, B.E., M.Econ.Sc.
H. Taylor, A.M.I.Mech.E.

Science and Mathematics:
J. Cotter, B.Sc.
G. Lawlor, M.Sc.
M. Niall, M.Sc., B.Com.
S. Nunan, B.Sc., H.Dip.Ed.
Miss Mary Tully, B.Sc.

Surveying Subjects:

Philosophy, Social Science:
Rev. J. McAvoy, S.J.
Rev. E. McAsey, S.J.
Rev. J. Redmond, S.J.

Art:
S. Hannon, A.T.D. (Lond.).

Building, Furniture and Vehicle Trades:
T. Bridgeman, A.B.I.C.C., Full Tech. C. & G.
C. Curran.
B. Dunne.
R. Grimes, Full Tech. C. & G.
M. Murray, Hons. C. & G.
J. O'Byrne.
G. O'Toole.

Engineering Trades:
D. Aungier
R. Dowling, M.I.Mech.E.
T. Giblin.
J. Guirke, MAN.INSTR.CERT. (Hons.).
W. Hunt.
T. McCarthy.
J. O'Brien.

Printing:
R. Doyle, Final C. & G.
W. Fitzpatrick, Full Tech. C. & G.
C. McCullagh, Final C. & G.
P. O'Reilly, Full Tech. C. & G.
B. Quinn, Final C. & G.
R. Sharpe.

Physical Education:
M. C. Doogan.

Architecture:
W. Cantwell, B.Arch., M.R.I.A.I.
P. Mac Cionnaith, B.Arch., M.R.I.A.I.
R. McDonnell, B.Arch.
B. O'Reilly, B.Arch., A.R.I.B.A.
S. Murphy, M.R.I.A.I.
N. O'Dowd, M.R.I.A.I.
M. Hogan, M.R.I.A.I.
R. Walker, B.Arch., M.R.I.A.I.

Mechanical Engineering:
J. Daly, B.E., A.M.I.C.E.I.
P. McLoughlin, B.E.
J. R. Stephen, A.M.I.Mech.E.
F. Fitzgibbon.

Civil and Structural Engineering:
H. Clifton, M.E., B.Sc., A.M.I.C.E.
A. Whelan, B.E., A.M.I.C.E., A.M.I.C.E.I.

Aeronautical Engineering:
E. Dempsey.
D. Doogan.
T. McInerney.
D. McMahon, A.R.A.E.S.
B. O'Reilly.
F. I. Taylor, M.S.L.A.E., A.R.A.E.S.
W. P. Ward.
D. Murray.
J. Cartwright.

Automobile Engineering:
J. N. Brooks, B.E.
C. Bryan.
D. Hayes.
M. Kelly.

Heating, Ventilating and Air Conditioning:
P. J. Clonan.

Science and Mathematics:
J. B. Broderick.
P. Coffey, A.M.I.E.E.
D. O'Sullivan.
J. A. Butler.
T. O. Linnane, M.Sc.
M. Hanahoe.
J. B. Tighe, B.Sc.
F. Patterson, M.A.

Legal Subjects:
H. McDevitt, Barrister-at-Law.

Economics:
J. J. Gunning, B.Com.

Art:
P. Leonard, A.R.H.A.
F. Toomey.

Timber Technology:
C. Dempsey.

Engineering Draughtsmanship:
R. Daly.
B. Fee.
W. Kennedy.
J. F. Lawless.
R. O'Leary.
S. O'Farrell.
J. Roche.
Conditions Regulating the Admission of Students to Classes and Courses

GENERAL REGULATIONS

General Regulations for Schools and Classes operating under the Authority of the City of Dublin Vocational Education Committee are displayed in the Entrance Hall. All students are subject to these regulations.

Whole-time Day Apprentice Scholarship Courses in Plumbing, and Bricklaying

These Courses are organised in close association with the Masters’ Associations and the official Trade Unions concerned. As these bodies accept responsibility for the placing of the boys in employment, and as the numbers to be admitted to each year of the Courses must be related to the number of vacancies for employment which are likely to occur in the trades, the Scholarship holders will be selected by examination and interview from boys nominated by the Masters’ Associations and Trades’ Unions concerned, in accordance with the recommendations drawn up from time to time by the various Advisory Committees and approved by the Vocational Education Committee.

Practical Workshop Classes in Trade Subjects

These classes are provided for the sole purpose of supplementing the practical trade training of persons actually employed at and engaged in the various operations of the trade. The Committee realises that it is impossible for a person to learn a trade solely by attendance at these classes, and is further of the opinion that the admission to the classes of persons not actually engaged in the trades would be not only of little use to such persons but would prejudicially affect the instruction of those for whom the classes have been organised. Accordingly, the Committee reserves the right to restrict enrolment in the trade practical classes to those persons who are actually employed in the several processes and operations of the trade.

For admission to these classes proof of actual employment in the several processes and operations of the trade will be certificates to that effect from the Masters’ Associations and/or the official Trades Unions of the trade concerned.
Technological and Technician Courses

Only such students will be admitted as have attained a standard of general education that will enable them to follow all the subjects of the Course with profit. In the absence of satisfactory evidence on this point, intending students may be required to pass a qualifying examination as a condition of admission.

The above Regulations have been adopted by Resolution of the Vocational Education Committee for the City of Dublin and approved by the Minister for Education.

COURSES PROVIDED

1. TECHNOLOGICAL AND TECHNICIAN COURSES (DAY)

| ARCHITECTURE | D/1. Architecture. | A. Whole-time |
|              |                   | B. Part-time |
| AND BUILDING | D/2. Building Technology. | A. Whole-time |
|              | D/3. Surveying (General, including Valuation). | B. Part-time |
|              | D/4. Quantity Surveying. | A. Whole-time |
|              | D/5. Town and Country Planning. | B. Part-time |
|              | D/6. Health Inspectors' Diploma Course. | Part-time |

| ENGINEERING | D/41. Preliminary Engineering. | Whole-time |
|             | D/42. Engineering Diploma Course. | A. Whole-time |
|             | D/43. Engineering Draughtsmanship. | B. Part-time |
|             | D/44. Automobile Engineering Technicians. | Whole-time |
|             | D/45. Aircraft Technicians' Course. | Sandwich |
|             | D/46. Industrial Engineering Technicians' Course. | Sandwich |
|             | D/47. Engineering Apprentices' Course. | A. Sandwich |
|             |                                  | B. Part-time |

| PRINTING    | D/81. Printing Technology. | Part-time |
|             | D/82. Training for Management. | Part-time |

2. TECHNOLOGICAL AND TECHNICIAN COURSES (EVENING)

| ARCHITECTURE | E/1. Building Technology. |
| AND BUILDING | E/2. Land-Surveying and Leveling. |
|              | E/4. Timber Technology. |
|              | E/5. Architectural Design. |

| ENGINEERING | E/41. Graduate Engineering Course (for examinations of professional bodies). |
|             | E/42. Certificate Engineering Course. |
Technological and Technician Courses (Evening)—Continued.

ENGINEERING
E/43. Automobile Engineering.
E/44. Production — Methods and Planning.
E/46. Aircraft Maintenance Licence Course.
E/47. Diesel Maintenance.

PRINTING
E/82. Training for Management.
E/85. Paper Technology and Designers’ Course.
E/92. Training for Management.

3. TRADE COURSES (DAY)

ARCHITECTURE
D/101. Bricklaying. A. Whole-time
D/102. Cabinetmaking. B. Part-time
D/103. Carpentry and Joinery. Part-time
D/104. Coachpainting. Part-time
D/105. Painting and Decorating. Part-time
D/106. Plumbing. A. Whole-time

ENGINEERING
D/141. Fitting and Turning. Part-time
D/143. Welding. Part-time
D/149. Metalplate Work.

PRINTING
D/181. Bookbinding. Part-time
D/182. Compositors’ Work. Part-time
D/183. Letterpress Machine Work. Part-time
D/184. Process Engraving. Part-time
D/185. Linotype, Intertype and Teletypesetting. Whole-time

4. TRADE COURSES (EVENING)

ARCHITECTURE
E/101. Bricklaying. 4 Year Course
E/102. Cabinetmaking. 3rd and 4th Year only

BUILDING
E/103. Carpentry and Joinery. 5 Year Course
E/104. Coachpainting. 4 Year Course
E/105. Painting and Decorating. 4 Year Course
E/106. Plumbing. 5 Year Course
E/107. Vehicle Building. 5 Year Course
E/108. Woodcutting Machinists’ Work. 4 Year Course
E/109. Coachtrimming. 4 Year Course
E/110. Plastering. 4 Year Course

ENGINEERING
E/141. Fitting and Turning. 5 Year Course
E/142. Motor Mechanics’ Work. 5 Year Course
E/143. Welding (Oxy-Acetylene and Elect.). 4 Year Course
E/144. Patternmaking. 3 Year Course
E/145. Foundry Work. 2 Year Course
E/146. Brassfinishing. 3 Year Course
E/147. Boilermaking. 2 Year Course
E/148. Smith and Art Ironwork. 1 Year Course
E/149. Metalplate Work. 5 Year Course
E/150. Structural Steelwork. 2 Year Course

PRINTING
E/181. Book Finishing and Bookedge Gilding. 2 Year Course
E/182. Compositors’ Work. Artistic Book Finishing. 2 Year Course
E/183. Letterpress Machine Work. 3rd and 4th Year only
E/184. Linotype, Intertype and Teletypesetting. 2 Year Course
E/186. Monotype Casting. 2 Year Course
E/187. Monotype Keyboard. 2 Year Course

5. PHYSICAL EDUCATION
E/201. Physical Education for Men.
DESCRIPTION OF COURSES

TECHNOCAL AND TECHNICIAN COURSES

(DAY)

D/1. ARCHITECTURE

(A) Whole-time Course

A 5-year day course to bring students to the standard of the Final Examinations of the Royal Institute of the Architects of Ireland.

Students are required to spend six months at approved practical training in an architect's office between the fourth and fifth years of the course.

Entrance Standard: The Secondary Schools' Leaving Certificate Examination or its equivalent in certain specified subjects.

Exemptions: Successful students are exempted from the First Examination, Intermediate Examinations and Final Testimonies of Study of the Royal Institute of the Architects of Ireland, at the end of the first, third and fifth years of the course, respectively.

(B) Part-time Course

A 6-year course including day and evening classes to meet the needs of students employed in architectural offices and to prepare them for the Intermediate and Final Examinations of the Royal Institute of the Architects of Ireland. The day classes involve attendance on three or four half days per week.

Entrance Standard: As for the Whole-time Course (D/1A).

Exemptions: Studio Work executed in the third year of the course may be submitted to the Royal Institute of the Architects of Ireland in lieu of the First Examination and the prescribed Intermediate Testimonies of Study. Studio Work executed in the fourth, fifth and sixth years of the course may be submitted in lieu of the prescribed Final Testimonies of Study of the Institute.

D/2. BUILDING TECHNOLOGY

A 3-year whole-time day course to provide training for careers at technical and supervisory levels on the contracting side of the building industry.

The course will prepare students for the examinations of the following bodies: The Institute of Builders (Intermediate and Final Part 1), The Institute of Clerks of Works of Ireland, The Department of Education (Certificate Examinations in Building Technology), and the City and Guilds of London Institute (Certificate Examinations in Builders' Quantities).

Entrance Standard: The Secondary Schools Intermediate Certificate Examination or the Day Group Vocational Certificate Examination in certain specified subjects or their equivalent.

D/3. SURVEYING (GENERAL, INCLUDING VALUATION SURVEYING)

These are 4-year courses leading to the First, Intermediate and Final Examinations of the Royal Institution of Chartered Surveyors (General Surveying Section).

Entrance Standard: The Secondary Schools' Leaving Certificate Examination or one of the equivalents accepted by the Royal Institution of Chartered Surveyors.

(A) A Whole-time Course

(B) A Part-time Day and Evening Course

involving attendance in the College on one whole day and three evenings per week.

D/4. QUANTITY SURVEYING

These are 4-year courses leading to the Intermediate and Final (Part I) Examinations of the Royal Institution of Chartered Surveyors (Quantities Section).

Entrance Standard: As for course D/3 above.

(A) A Whole-time Course

(B) A Part-time Day and Evening Course

involving attendance in the College on one whole day and three evenings per week.

D/5. TOWN AND COUNTRY PLANNING

A 2-year post-graduate course in preparation for the Final Examination of the Town Planning Institute. It involves attendance on one whole day and two evenings per week.

Entrance Standard: The Intermediate Examination of the Town Planning Institute or any exempting qualification (e.g., recognised professional qualifications in architecture or engineering).

D/6. HEALTH INSPECTORS' DIPLOMA COURSE

A 3-year course comprising one year whole-time and two years sandwich. The sandwich component will consist of approximately five months per annum in the College and seven months in practical training. It is anticipated that enrolment will occur in alternate years only.

D/41. PRELIMINARY ENGINEERING COURSE

A 2-year whole-time day course to provide training for employment as draughtsmen in engineering offices and to prepare students for the General Certificate of Education, University of London, in the subjects required for Studentship of the Professional Engineering Institutions.

Entrance Standard: The Day Group Vocational Certificate Examination (with first-class passes in English, Mathematics, and a Science subject) or the Secondary Schools' Intermediate Certificate or their equivalent.
D/42. ENGINEERING

(A) Whole-time Course
A 4-year course designed to prepare students for the examinations of the Professional Engineering Institutions.
Students are required to spend the period of the summer vacations each year in approved practical training.

D/42 (A). Entrance Requirements: The General Certificate of Education at Ordinary Level in English, Mathematics, and two approved Science subjects, or one approved Science subject and a foreign language, or the Secondary School Leaving Certificate with honours in the same subjects as above, or an equivalent qualification recognised by the Professional Engineering Institutions for Studentship.

(B) Part-time Course (Mechanical)
A 4-year course including day and evening classes to meet the needs of students employed in engineering offices and works and to prepare them for:
(i) The Examinations of the Institution of Mechanical Engineers.

In addition, the first and second year of the course prepares students for the examinations (Joint Part I) of:
(i) The Institution of Civil Engineers.
(ii) The Institution of Structural Engineers.
(iii) The Institution of Heating and Ventilating Engineers.
(iv) The Institution of Municipal Engineers.
(v) And for Section A of the Associate Membership Examination of the Institution of Civil Engineers of Ireland.

On completion of these two years, students may continue in the third and fourth years of the Graduate Engineering Evening Course (E/42) in the subjects relevant to each institution's examinations, in preparation for their Part II and Part III examinations.

The day classes involve attendance on two days per week.

D/42 (B). Entrance Standard: As for D/42 (A) above or the Elementary Technological Certificates of the Department of Education in Mechanical Engineering and Mathematics, with first-class passes in at least two of the subjects involved.

D/43. ENGINEERING DRAUGHTSMANSHIP COURSE
This is a whole-time course to be taken as a supplement to the Preliminary Engineering Course by students seeking training for positions as engineering draughtsmen.

D/44. AUTOMOBILE ENGINEERING
This is a 3-year whole-time course. Students attend the College for thirty hours per week during the period October to April each year, and must spend the rest of the year in employment in the motor industry. The course leads to the Associate Membership Examinations of the Institute of the Motor Industry.

Entrance Standard: Students are required to hold the Day Vocational Group Certificate of the Department of Education in Mathematics, English and a Science subject, or the Secondary Schools Intermediate Certificate.

D/45. AIRCRAFT TECHNICIANS' COURSE
This is a 4-year industry-based sandwich course to train aircraft technicians for the Aircraft Mechanics' Licence of the Department of Transport and Power, and the City and Guilds of London Institute Final Examinations. Students attend the College from October to May inclusive, and spend the remainder of the year in the aircraft industry.

Entrance Standard: Students must be engaged in the aircraft industry and have at least the Day Vocational Group Certificate of the Department of Education with first-class passes or the Secondary Schools Intermediate Certificate with Honours.

D/46. ENGINEERING TECHNICIANS' COURSE
This is a 4-year industry-based sandwich course to prepare students for the Final Examinations of the City and Guilds of London Institute or equivalent. Students attend the College from October to May.


D/47. ENGINEERING APPRENTICES' COURSES

(A) Sandwich Course
A 4-year day course, consisting of 3 months whole-time instruction per year, to prepare apprentices for the Trade and Technological Certificate Examinations, in Mechanical Engineering of the Department of Education.

Part-time Course

A 2-year course consisting of one day per week instruction in technological subjects and two evenings per week engineering trade practice and theory. The second year includes an evening class in English.

The course prepares apprentices for the Trade (Junior Stage), and Technological Certificate (Elementary Stage) Examinations in Mechanical Engineering of the Department of Education.

On completion of the course, students may continue in the Part-time Course in Engineering (D/42B) or the Certificate Engineering Evening Course (E/4).

Entrance Standard: As for the above Sandwich Course.

D/81. PRINTING TECHNOLOGY

This course is designed for those engaged on the operative side of the industry who wish to make a technological study of all branches of Printing and allied processes with a view to fitting themselves for managerial and supervisory posts. It is based on the syllabus of the Full Technological Certificate of the City and Guilds of London Institute and students are prepared for the Final and Full Technological examinations of that Institute.

Minimum qualifications for admission to course is the Senior Trade Certificate of the Department of Education in Compositors' work or Letterpress Machine work.

The course occupies three years and is based on one day release per week (7 hours) and two evenings per week (5 hours) for the first two years and three evenings per week (6½ hours) for the third year.

D/82. TRAINING FOR MANAGEMENT

The course is intended for those engaged in the Clerical and Administrative side of printing with a view to preparing them for higher administrative posts in the industry.

The age group for trainees is between 19 and 24 years, and the minimum educational qualification required is the Leaving Certificate, or its equivalent.

The course occupies three years and is based on one day release per week (7 hours) for the first two years and three evenings per week (9 hours) for the third year.

A Diploma will be awarded to those who, having attended the full course, have passed the examinations for all subjects.

The training in this course will be supplemented by:

(a) Visits to industry.
(b) Lectures by specialists on particular aspects of the industry.

TECHNOLOGICAL AND TECHNICIAN COURSES (EVENING)

E/1. BUILDING TECHNOLOGY

A 6-year course (including a preliminary year) to meet the needs of students who are employed or intend to be employed in a technical capacity on the contracting side of the building industry.

The course will prepare students for the examinations of the following bodies: The Institute of Builders (Licentiate Diploma Examination); The Institute of Clerks of Works in Ireland (Intermediate and Final Examinations); City and Guilds of London Institute (Certificate Examinations in Builders' Quantities); The Department of Education (Certificate Examinations in Building Technology—elementary, intermediate and advanced stages).

Entrance Standard: Applicants must have a good standard of general or technical education. Students who have completed an approved course in a building trade or a Day Junior Technical Course will be exempted from the preliminary year. Students who have attained a suitable standard in draughtsmanship (e.g., Pass in Drawing, Leaving Certificate Examination) or Mathematics (e.g., Pass in Intermediate Certificate Examination) will be exempted in these subjects in the preliminary year.

E/2. LAND SURVEYING AND LEVELLING

A 2-year course to meet the needs of students who are employed in professional offices or on the contracting side of the industry. The courses consist of evening lectures and fieldwork held on Saturday afternoons during late spring and early summer.

Optional classes in Mathematics and Draughtsmanship may be taken in conjunction with this course.

E/3. TOWN AND COUNTRY PLANNING

A 2-year post-graduate course to prepare students for the Final Examination of the Town Planning Institute.

Entrance Standard: Students are required to have passed or to be eligible for exemption from the Intermediate Examination of the Town Planning Institute.

E/41. GRADUATE ENGINEERING COURSE

A 5-year course (including a preliminary year) to prepare students for the examinations of the following professional engineering institutions:

(i) Institution of Civil Engineers of Ireland;
(ii) Institution of Civil Engineers;
(iii) Institution of Structural Engineers;
(iv) Institution of Mechanical Engineers;
(v) Institution of Heating, Ventilating and Air Conditioning Engineers;
(vi) Institute of Marine Engineers;
(vii) Royal Aeronautical Society.

The course of instruction is common for all Institutions in the Preliminary and First Years.

Entrance Standard: See general note below.

E/42. CERTIFICATE ENGINEERING COURSE

A 6-year course to prepare students for the Certificate Examinations in Mechanical Engineering of the Department of Education, at Elementary, Intermediate, Advanced and Higher Technological Levels.

Note: Marine Engineers' Certificate. The first four years of this course cover the syllabus Part A of the Certificate of Competency Examination (2nd Class) of the Board of Trade (U.K.). The Board of Trade recognises this College for exemption purposes and students who have attended courses satisfactorily are entitled to claim partial exemption from the four years of apprenticeship required before going to sea. Students successful at the Department of Education Advanced Stage Examinations in Applied Mechanics and Heat Engines and the Intermediate Stage Examination in Machine Drawing and Construction, Mechanical Engineering Course, are exempt from Part A of the Certificate of Competency Examination (2nd Class) of the Board of Trade.

Entrance Standard: See general note below.

E/43. AUTOMOBILE ENGINEERING

A 5-year course to prepare students for the examinations of the Institute of the Motor Industry and/or the Department of Education (Technological Certificate).

Entrance Standard: See general note below.

E/44. PRODUCTION—METHODS AND PLANNING

This course prepares students for the Final City and Guilds of London Institute Examinations in Machine Shop Engineering (63).

Entrance Standard: By selection.

E/45. ENGINEERING DRAUGHTSMAN DESIGNERS' COURSE

This is a 4-year course to prepare students for the Examinations of the Institution of Engineering Draughtsmen and Designers.

Entrance Requirements: The Day Junior Group Certificate in the appropriate subjects or the Secondary Schools Intermediate Certificate.

E/46. AIRCRAFT MAINTENANCE LICENCE COURSE

This course provides instruction for ground engineers who desire to take the Licence Examinations (Category A and C) of the Ministry for Transport and Power.

Entrance Requirements: By selection. Students must be engaged in aircraft maintenance work.

E/47. DIESEL MAINTENANCE

This is a 2-year course providing instruction in the theory and practice of diesel maintenance.

Entrance Requirements: By selection.

E/48. WELDING TECHNICIANS' COURSE

This is a 2-year course to prepare welding technicians for the Final Examinations of the City and Guilds of London Institute in Welding (79).

General Note: Entrance Standard to Engineering Courses

Students must be engaged in aircraft maintenance work.

E/49. COSTING AND ESTIMATING (PRINTING)

A 3-year course designed to prepare students for the examinations of the British Federation of Master Printers.

E/50. PAPER TECHNOLOGY AND MARKETING

A 2-year course for employees of Paper Mills and Paper Merchants' and Printers' employees engaged in the handling of paper transactions. Students are prepared for the examinations of the National Association of Paper Merchants and the City and Guilds of London Institute.
E/86. TYPOGRAPHIC DESIGN AND LAYOUT

Course A
A 2-year course to prepare compositors for the examinations of the Department of Education and the City and Guilds of London Institute, in this subject.

Course B
A 2-year course for students of Art and for those who are engaged in publishing houses, design studios, advertising, agencies and printing houses.

TRADE COURSES

These courses are for apprentices and young journeymen in the Building, Vehicle Building, Furniture, Engineering and Printing, Bookbinding and Process Engraving Trades. Every facility is given to students who wish to enter for the Trade Certificate Examinations of the Department of Education or of the City and Guilds of London Institute. These examinations are conducted in the College at the end of the session. The courses are based on the examination syllabuses of these bodies. Generally, students take the Junior Stage of the Trade Certificate Examinations of the Department of Education after two years' instruction and the Senior Stage after a further two years.

TRADE COURSES (DAY)

D/101. BRICKLAYING AND MASONRY

(A) Whole-time Course
A 2-year whole-time day scholarship course to give students training in the basic practice and theory of the trade. Entrance to the course is by selection after a qualifying examination and interview. Successful students are awarded scholarships entitling them to free tuition, books, equipment, etc., and a weekly maintenance grant. On completion of the course the students are accepted as third year apprentices in the trade and may continue in the third and fourth years of the evening course.

(B) Part-time Course
A 2-year course for first and second year apprentices and involving one day instruction per week in the practice and theory of the trade. On completion of the course students may continue in the third and fourth years of the evening course.

D/102. CABINETMAKING

A 2-year part-time course for first and second year apprentices and involving two days' instruction per week in the practice and theory of the trade. Attendance at this course is compulsory for all first and second year apprentices of the trade in the City of Dublin area under "Attendance Orders" served by a Statutory Committee under The Apprenticeship Act (1931). On completion of the course the students may continue in the evening course.

D/103. CARPENTRY AND JOINERY

A 4-year part-time course for first, second, third and fourth year apprentices, involving one day instruction per week in the practice and theory of the trade.

D/107. VEHICLE BUILDING

A 2-year part-time course for first and second year apprentices, involving one day and two evenings instruction per week in the practice and theory of the trade. On completion of the course students may continue in the third and fourth years of the evening course.

D/104. COACHPAINTING

A 2-year part-time course, similar in arrangements to the course in Vehicle Building (D/107).

D/105. PAINTING AND DECORATING

A 2-year part-time course for first and second year apprentices and involving one day instruction per week in the practice and theory of the trade. On completion of the course students may continue in the third and fourth years of the evening course.

D/106. PLUMBING

(A) Whole-time Course
A 2-year course, similar in arrangements to the Whole-time Course in Bricklaying and Masonry (D/101).

(B) Part-time Course
A 2-year course, similar in arrangements to the course in Painting and Decorating (D/105).

D/108. WOODCUTTING MACHINISTS' WORK

A 2-year part-time course, similar in arrangements to the course in Vehicle Building (D/107).

D/141. FITTING AND TURNING

A 3-year part-time course for third, fourth and fifth year apprentices and involving one day instruction per week in the practice of the trade and two evenings instruction per week in trade theory and drawing.
D/142. MOTOR MECHANICS' WORK
Course (A)
A 5-year part-time course for first, second, third, fourth and fifth year apprentices, involving one day and two evenings instruction per week in the practice and theory of the trade.

Course (B)
A 5-year course, involving one half-day and two evenings per week (three evenings in the fourth and fifth years).

D/143. WELDING
A part-time course in Oxy-Acetylene and Electric Welding, involving three hours instruction per week in the practice of the trade.

D/149. METALPLATE WORK
A part-time course in Metalplate Work involving one full day and two evenings per week. Instruction is given in both trade theory and practice.

D/181. BOOKBINDING
A 4-year part-time course for first, second, third and fourth year apprentices, involving day and evening instruction in the practice and theory of the trade. Students are prepared for the examinations of the City and Guilds of London Institute.

D/182. COMPOSITORS' WORK
A 2-year part-time course for first and second year apprentices, involving day instruction (17 1/2 hours per week) in the theory and practice of the trade and evening instruction (two evenings) in Irish and English. Students are prepared for the Junior Trade Certificate Examinations of the Department of Education. On completion of the course students may continue in the evening course.

D/183. LETTERPRESS MACHINE WORK
A 2-year part-time course, similar in arrangements to the course in Compositors' Work.

D/184. PROCESS ENGRAVING
A 4-year part-time course, comprising Junior and Senior stages.

D/185. LINOTYPE, INTERTYPE AND TEITLETYPESETTING
A course of 12-weeks' duration of 30 hours per week.

TRADE COURSES (EVENING)
Evening courses are provided for all trades listed on pages 22-24.

PHYSICAL EDUCATION
Evening courses in Physical Education are provided for men students. Classes in Physical Education are provided as components of the whole-time day courses. Athletic and sporting activities for whole-time students are organised by the several student bodies in the College with the guidance of a physical education expert. Sports fields are provided for the purpose at Terenure and Whitehall.

EXAMINATIONS
At the end of each session internal examinations are held in connection with the courses. Promotion of students depends on success in these examinations. Students who have not the required attendances at the courses will not be permitted to take these examinations. Students are required to acquaint themselves with the examination and promotion regulations of the course which they take.

EXTERNAL EXAMINATIONS
The courses prepare students for the examinations of the following bodies:

1. Department of Education
   (a) Technological Certificate Examinations in:
       (i) Building.
       (ii) Mechanical Engineering.
       (iii) Motor Car Engineering.
       (iv) Mathematics.
   (b) Trade Certificate Examinations in:
       (i) Bricklaying and Masonry.
       (ii) Boilermakers' Work.
       (iii) Brass Finishing.
       (iv) Cabinetmaking.
       (v) Carpentry and Joinery.
       (vi) Compositors' Work.
       (vii) Letterpress Machine Work.
       (viii) Metalplate Work.
       (ix) Motor Car Engineering.
       (x) Painting and Decorating.
       (xi) Plasterers' Work.
       (xii) Plumbing.
       (xiii) Fitters' Work.
       (xiv) Turners' Work.
2. Professional Institutions
   (i) Institution of Civil Engineers of Ireland.
   (ii) Institution of Civil Engineers.
   (iii) Institution of Heating, Ventilating and Air Conditioning Engineers.
   (iv) Institution of Mechanical Engineers.
   (v) Institution of Municipal Engineers.
   (vi) Institution of Structural Engineers.
   (vii) Institute of Marine Engineers.
   (viii) Royal Aeronautical Society.
   (ix) Royal Institute of the Architects of Ireland.
   (x) Royal Institution of Chartered Surveyors.
   (xi) Town Planning Institute.

3. Other Bodies
   (i) Board of Trade (Certification for Marine Engineers).
   (ii) British Master Printers' Federation.
   (iii) City and Guilds of London Institute.
   (iv) Department of Industry and Commerce (Licence in Aeronautical Engineering).
   (v) Institute of Builders.
   (vi) Institute of Clerks of Work in Ireland.
   (vii) Institute of the Motor Industry.
   (viii) National Association of Paper Merchants.

Notes: In connection with the examinations of professional and other external bodies, students are advised to note the following:
1. Admission to a course in the College may not of itself entitle students to sit for examinations of external bodies. Students are themselves responsible for ensuring that they satisfy all the requirements of the examining body concerned.
2. Students are expected to acquaint themselves with the current regulations for the examinations which they propose to take.
3. Students must make all the necessary applications and provide all documents that may be required. In connection any documents and certification (e.g., statements of attendance, etc.) required from the College authorities should be applied for at the earliest opportunity.
4. The College Authorities will give the fullest assistance and advice in the above matters.

<table>
<thead>
<tr>
<th>FEES (Per Session)</th>
<th>£</th>
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<tr>
<td>D/1 (A) Architecture (Whole-time), 1st, 2nd, 3rd and 4th years</td>
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<td>D/2 Building Technology</td>
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<td>D/3 (A) Surveying (General, including Valuation, Whole-time)</td>
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<td>D/3 (B) Surveying (General, including Valuation, Part-time)</td>
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<td>D/5 Town and Country Planning (Part-time)</td>
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<td>D/6 (A) Health Inspectors' Diploma Course (Whole-time)</td>
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<td>D/82 Training for Management (Part-time), 1st, 2nd and 3rd years</td>
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<td>D/185 Mechanical Composition (Linotype, etc.)</td>
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<td>All other Part-time Day Trade Courses (or single subjects)</td>
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EXAMINATION ENTRANCE FEES

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<tr>
<td>Third Year</td>
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(To include the right to sit for one supplementary examination.)

SENIOR STUDENTS' COUNCIL FEE

Students enrolling in the whole-time course in Architecture, Surveying and Engineering (Courses Nos. D/1A, D/3A, D/4A and D/42A) are required to pay a Senior Students' Council fee of £1 10s. 0d. on enrolment. The fee is paid into the funds of the Council and is used by the Council for financing extra-curricular student activities.