College of Technology, Bolton Street Prospectus 1968-69

City of Dublin Vocational Education Committee

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1968-69 Prospectus

COLLEGE OF TECHNOLOGY

Bolton Street
Dublin

City of Dublin
Vocational Education Committee

School of Architecture, Surveying + Building
School of Engineering
School of Printing + Book Production
School of Trades
<table>
<thead>
<tr>
<th>Advisory Committees</th>
<th>Architecture</th>
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<tbody>
<tr>
<td>City of Dublin Vocational Education Committee</td>
<td>F B Meehan MRIAI BArch</td>
</tr>
<tr>
<td>Mr Patrick Donegan 121 Shanard Road Dublin 9 (Chairman)</td>
<td>H S Robson MSc BArch MRIAI ARIA</td>
</tr>
<tr>
<td>Councillor James O’Keeffe PC 138 Sundrive Road Dublin 12 (Vice-Chairman)</td>
<td>D O’Toole FRIAII AMTPI</td>
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<tr>
<td>Alderman Lauri Corcoran 1 Errigal Road Dublin 12</td>
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<tr>
<td>Councillor Gilbert Hughes PC 24 Cill Eanna Raheny Dublin 5</td>
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<tr>
<td>Councillor John McCann 115 Fortfield Road Dublin 6</td>
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<tr>
<td>Alderman Michael Mullen TD 202 Navan Road Dublin 7</td>
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<tr>
<td>Councillor Michael Hopper 63 Bothar Shanaird Dublin 9</td>
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<tr>
<td>Councillor Celia Lynch TD 156 Botanic Road Dublin 9</td>
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<tr>
<td>Rt Rev Monsignor John O’Regan STL Parochial House Clondalkin Co Dublin</td>
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<tr>
<td>Mr J B Colgan 50 Cedarmount Road Mount Merrion Co Dublin</td>
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<tr>
<td>Mr Sean O’Hanlon 1 Turlough Gardens Dublin 3</td>
<td></td>
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<tr>
<td>Capt Jas A Kelly Grange Lodge Raheny 5</td>
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<tr>
<td>Councillor D J Fay BComm FCA 23 Harcourt Street Dublin 2</td>
<td></td>
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<tr>
<td>Mr Martin M Gleeson MA BComm Chief Executive Officer</td>
<td></td>
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<tr>
<td>Offices Town Hall Merrion Road Ballsbridge Dublin 4</td>
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<tr>
<th>College Council</th>
<th>Architectural Technicians</th>
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<tr>
<td>Mr Patrick Donegan Chairman City of Dublin Vocational Education Committee</td>
<td>Denis J McGloughlin MIAAT</td>
</tr>
<tr>
<td>Councillor Gilbert Hughes PC 24 Cill Eanna Raheny Dublin 5</td>
<td>John M McCarthy MSAAT MIAAT</td>
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<tr>
<td>Mr Martin M Gleeson MA BComm Chief Executive Officer</td>
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<td>Rt Rev Monsignor J O’Regan STL PP Parochial House Clondalkin Co Dublin</td>
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<tr>
<td>Mr J B Colgan 50 Cedarmount Road Mount Merrion Co Dublin</td>
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<tr>
<td>Mr Sean O’Hanlon PC 1 Turlough Gardens Philippusburgh Avenue Fairview Dublin 3</td>
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<tr>
<td>Mr Michael Scott FRIAII 19 Merrion Square Dublin 2</td>
<td></td>
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<tr>
<td>Mr A Harkin Chief Engineer Electricity Supply Board</td>
<td></td>
</tr>
<tr>
<td>27 Lower Fitzwilliam Street Dublin 2</td>
<td></td>
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<tr>
<td>Mr Thomas Bridgeman “Treetops” Swords Road Dublin 9</td>
<td></td>
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<tr>
<td>Mr Sean Mac Guirc 3 Kincora Grove Dublin 3</td>
<td></td>
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<tr>
<td>Mr Donal F O’Dwyer Principal College of Technology Bolton Street</td>
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<tr>
<td>Mr John D Barry Deputy Principal</td>
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<tr>
<th>Town Planning</th>
<th>Mechanical Engineering Trades</th>
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<tbody>
<tr>
<td>L Carvill DipArch (Liv) Dipl Civic Des (Liv) ARIA AMTPI</td>
<td>J Cassidy General Secretary National Engineering Union</td>
</tr>
<tr>
<td>J Conway BE AMTPI</td>
<td>H T Hanlon Irish Engineering Industrial &amp; Electrical Trade Union</td>
</tr>
<tr>
<td>G Meagher BComm DPA</td>
<td>P J Buckley Irish Engineering Industrial &amp; Electrical Trade Union</td>
</tr>
<tr>
<td>M O’Brien BE AMTPI</td>
<td>F Gray Personnel Officer Corss Iompair Eireann</td>
</tr>
<tr>
<td></td>
<td>H Lennox General Manager Liffey Dockyard</td>
</tr>
<tr>
<td></td>
<td>S O’Flaherty Managing Director Messrs Motor Distributors Ltd</td>
</tr>
<tr>
<td></td>
<td>John Watt 57 Ranelagh Road Dublin 6</td>
</tr>
<tr>
<td></td>
<td>T W Bamford Managing Director Universal Fabricators</td>
</tr>
<tr>
<td></td>
<td>J C Tonge Tonge &amp; Taggart</td>
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<tr>
<td></td>
<td>H Farrelly District Secretary United Society of Boilermakers and Iron and Steel Shipbuilders</td>
</tr>
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<tr>
<th>Mechanical Engineering</th>
<th>Heating and Ventilating Engineering</th>
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<tr>
<td>J Jennings FIOB</td>
<td>Eoin O Cionna BE MICEI AMIEE MIEHVE MASHRAE MConsEI Hon</td>
</tr>
<tr>
<td>D Mellvenna FIOB</td>
<td>Secretary The Association of Consulting Engineers of Ireland</td>
</tr>
<tr>
<td>L Thompson BAI MICEI FIOB</td>
<td>Noel Traynor AMIHVE Hon Secretary The Association of Master Plumbers Heating &amp; Ventilating Engineers of Ireland</td>
</tr>
<tr>
<td>J G McCormack FIOB</td>
<td>Seamus Homan AMIHVE Design Engineer Varming &amp; Mulcahy Consulting Engineers</td>
</tr>
<tr>
<td>W H Goodey FIOB</td>
<td>Eamonn O’Brien c/o Rob Jacob Consulting Engineers</td>
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<tr>
<td></td>
<td>Reginald Keating GHVE Hon Secretary The Association of Design Engineers &amp; Draughtsmen</td>
</tr>
</tbody>
</table>
### Advisory Committees

#### Surveying
- Royal Institution of Chartered Surveyors
  - H C Tierney FRICS
  - R H White BE BSc FRICS
  - G M Costello FRICS
  - A Williams FRICS
  - D Bailey FRICS
  - I French ARICS
  - H Kirby ARICS
  - T McLoughlin ARICS
  - J Good ARICS
  - N McDonagh FRICS
  - D T McCarthy FRICS
- Institute of Quantity Surveyors
  - B V Boyle FIQS
  - N Power-Smith AIQS
  - T Clear FIQS
  - J Pettit AIQS
- Building Surveyors' Institute
  - John J Barrett FBSI
- Incorporated Association of Architects and Surveyors
  - Stanley J Coggin RIAS FIarb

#### Bricklaying
- Denis Murray Master Builders' Association
  - Francis O'Connor
  - James Farrell

#### Carpentry
- Amalgamated Society of Woodworkers
  - James Carroll

#### Joinery and Woodcutting
- Irish National Union of Woodworkers
  - William Joyce
  - C Clarke
- Gerard Wall Secretary Irish Society of Woodcutting Machinists
  - J G McCormack Master Builders' Association
  - H R Armstrong Messrs Brooks-Thomas & Co

#### Furniture Trades
- D McCarthy O'Dea & Co Ltd
- P F McGrath Irish National Union of Woodworkers
- J Carroll Amalgamated Society of Woodworkers
- G L Wall Irish Society of Woodcutting Machinists
- D Bowden J V Bowden & Co Ltd
- J R Hunter J R Hunter & Co Ltd
- W Robinson National Union of Furniture Trade Operatives
- 52 Peter's Hill Belfast 13 Northern Ireland
- P Marrey Furniture Manufacturer 20a St Joseph's Parade Dublin 7

#### Plastering
- Operative Plasterers' Trade Society
  - Leo Crawford
  - Gerard Doyle
  - Donal O'Reilly
  - T Byrne M Creedon Ltd 3 Ardee Road Dublin 6

#### Plumbing
- Association of Master Plumbers Heating & Ventilating Engineers of Ireland
  - J N Traynor
  - Thomas Finlay
- Plumbing Trades' Union
  - P Ferris
  - J Gannon
  - T Russell
  - M Slevin

#### Vehicle Building
- National Union of Vehicle Builders
  - M Jackson
  - H Samway
  - G J Roberts Coach and Motor Body Builder 3A Lower Grange Road Dublin 7
  - M F Gavigan c/o R Callow & Sons Ltd Westland Row Dublin 2

#### Aeronautical Engineering
- P Delaney Aer Lingus Teo Dublin Airport
  - Lieut-Col J Teague Army Air Corps Baldonnel
  - Capt P G McCabe Aeronautical Officer Aviation Division Department of Transport & Power
Motor Engineering
A McAuley BSc Assistant Mechanical Engineer (Road) CIE
Society of Irish Motor Traders
Charles Warren
Automobile General Engineering and Mechanical Operatives' Union
B Leonard General Secretary
P Thewlis
Irish Engineering Industrial and Electrical Trade Union
J Drennan
M Geoghegan
Robert J Porter Messrs R W Archer & Co Ltd
Patrick Flanagan Messrs McCairs Motors Ltd
John Keeney LSE Motors Ltd
Maurice Foley Institute of the Motor Industry

Structural
L O'Neill National Engineering Union 33 Gardiner's Place
P Dunne Irish Transport & General Workers' Union
J D Pearson Smith & Pearson Ltd
A Davidson Kennan & Sons
D Purdy Smith & Pearson Ltd
Irish Engineering Industrial & Electrical Trade Union
J A Coffey

Printing + Book Production
Irish Printing Federation
C W Warren
R R Yates-Hale
B Pitcher ACA
G T Agnew
Irish Master Printers' Association
W D Britton
M Kavanagh
Irish Graphical Society
N C McGrath
B O Cearbhaill BA LLB
E Dignam Stereotypers' Society
J Cullen Irish Bookbinders' & Allied Trades' Union
A Kavanagh Lithographic Artists' and Process-Workers' Society
J Jeffers Photo Engraving Group
W R Trulock Amalgamated Society of Lithographic Printers

Principal
Donal F O'Dwyer BArch FRAl
Deputy-Principal
John D Barry MSc BE CEng FIMechE MICEI

Head of School
School of Architecture Surveying and Building
Kevin Fox BArch MRIAI

Head of School
School of Engineering
The Deputy-Principal
Denis Fitzgibbon BE MSc CEng MIMechE

Head of School
School of Printing and Book Production
William J Fitzpatrick AMIOP
Assistant Head
Christopher J McCullagh Final C & G

Head of School
School of Trades
J B Hickey BA

Senior Chaplain
Rev John McAvoy SJ

Secretary/Registrar
Liam O Dúlacháin FCPA FICA

Office:
College of Technology Bolton Street Dublin 1 Telephone 49913 (8 lines)
School of Trades Yarnhill Street Dublin 1 Telephone 49873/4
Annex 62 Eccles Street Dublin 7 Telephone 303169
ACADEMIC STAFF
School of Architecture, Surveying + Building

Head of School: Kevin Fox BArch MRIAI

Department of Architecture + Town Planning

Head of Department: John J O'Keeffe MRIAI BArch
Assistant Head: Vacant

Whole-time Staff
Albert J Brady BArch MRIAI
Liam Carlin MRIAI ARIBA
Michael Clifton BE AMICE
William Gilligan BArch MRIAI
Maurice Hogan MRIAI
Anthony Johnson BArch MRIAI ARIBA
Patrick Shaffrey BArch DipCD AMTPi

Part-time Staff
Louis Carville DipArch DiplCivicDes ARIBA AMTPi
John S Conway BE DipTP (Housing) AMTPi AMICE
Una Cradock ANCA
Patrick Delany BArch MRIAI AMTPi
John J Gallagher BSc
Leonard Gallagher BAgrSc
James Greenfield BA MCD AMTPi
James J Harrington BE CEng AMlStructE AMICE
Robert Noel Hayes BE MSc
Gabriel McCarron BArch MRIA AMTPi
Pharas Mac Connaith BArch MRIAI
Raymond McDonnell BArch MRIAI
Leo Mansfield DipArch MRIAI
Ciaran P O'Carroll BArch MRIAI
Dr Anthony Orme BA PhD FGS
Michael O'Sullivan DipArch MRIAI
M Purcell
Michael Phillips BArch MRIAI
Sean Rothery BArch MRIAI ARIBA
Richard Stringer BArch ARIBA AMTPi

Extern Examiners
Christopher Dardis MArch AMTPi ARIBA

Department of Surveying + Building Technology

Head of Department: Christopher W Parfitt FRICS FIoB FRSH FiArb
Assistant Head: Eanna de Burca FRICS

Whole-time Staff
Thomas Carroll MHIA DipPPHI (Seconded from the Department of Health)
Seamus Cunningham MI(Hons)

J A Dixon BSc FRICS
Daniel Kelly BE
Sean Loftus Barrister-at-Law
Patrick McGuinness FIOB
Kevin Murnane ARIBA
Patrick Nugent FRICS
Cornelius Power MEconSc BComm ACIS ACommA

Part-time Staff
Maurice Brogan ARIBA MRIAI
Patrick Callinan
P J Cassidy FRICS
Stanley Coggin FIAS FIArb
Patrick J Conroy MHIA
Joseph Coyne BE PEng MASCE AFIInstPc AMICE
Dr Ronald Cox MA MAI PhD AMICE AMICE
James Culliton FBSI
Christopher Curran AIoB
Michael Davitt ABSI
Richard Deegan ARPS
Dermot Doorley AMlStructE
Anthony Fitzpatrick BComm
Alber Fleming FRICS
John Furey DipHLS DipPPHI DipPA MHIA AMPHIA
Dr Derek Goodhue PhD BSc
Cornelius Healy MHIA
Seamus Homan AMIHEVE
William K Hunt ARIBA MRIAI
Liam Jones MBA BComm
Richard Laher MHIA DPPhI
Michael Maguire MHIA
S P Manning
Seoirise MacCraith
Colm Mac Carthain BComm
Barry McHugh ARICS
Terry McLoughlin ARICS
Michael McNulty MHIA DPPhI
Oliver McNulty GradlStructEng
Phillip Molloy MRIAI
Richard Morrison BSc FRICS
Laurence Mullen BA MHIA
Gerard Murphy MRSH MRGPHH
Mary J Neylon Barrister-at-Law DiplLibTRN
Michael A Nugent MHIA DPPhI
Mannix O'Boyle MRCS
ACADEMIC STAFF

School of Engineering

Head of School: John D Barry MSc BE CEng FI MechE MICE1
Assistant Head: Denis Fitzgibbon BE MSc CEng FIMechE

Department of Engineering Technology

Head of Department: Denis Fitzgibbon BE MSc CEng FIMechE
Assistant Head of Department: Michael O'Donnell MEconSc BE
BComm CEng MIProE

Whole-time Staff
Liam Archer GIMechE
Michael Clifton BE AMICE1
Neil Gillespie GradlMechE GlHVE
Oliver McNally AMICE1 ARTCS G1StructE
John McQuillan CEng IMechE
Donal Murphy GradlED
Henry J O'Neill CEng FlProdE
John Peelo BE
Louis R Purton BSc
Michael Swords BSc
Henry F Taylor CEng IMechE

External Lecturers + Examiners
Professor F Koenigsberger DSc IMechE MemASME MIProE Professor of Machine Tool Engineering University of Manchester
Professor Ford DSc (Eng) PhD FIMechE MlProdE Head of the Department of Mechanical Engineering and Professor of Applied Mechanics Imperial College of Science and Technology London

Part-time Staff
Edward Tunde Boardman DipEng GIMechE
John B Broderick MSc
John P Browne BE
Philip Brunkard GIMechE
Richard Bunyan BE GIMechE
Albert F Cunnane BE GIMechE MIWSI
Patrick F Cooke BE AMICE AMICE1
James Daly BE AMICE AMICE1
Richard Daly
J Doran BE
Edward P Dunne CEng MlMechE AMICE1
Patrick J Dunphy DipEng GIMechE
John Hayes DipEng MSc
James J Harrington BE CEng AMI StructE
Lewls Healy BE
Seamus J Homan AMIHVE
Reginald Keating
Padraig MacLoughlin BE
Michael McSweeney BE
J F McGinty BE
Michael Murphy DipEng MSc
Joseph Murphy
### Department of Science and Mathematics

**Head of Department:** James A. Nunan BSc HDipEd
**Assistant Head:** Gerard Lawlor MSc

**Whole-time Staff**
- Thomas Conway BSc
- Jeremiah T Cotter BSc
- Una Gillespie BSc
- Matthew Niall MSc BComm
- Marguerita O’Kelly BA BScSc DipSciSc HDipEduc
- Louis R Purton BSc
- Michael Swords BSc
- Mary Tully MSc HDipEd

**Part-time Staff**
- Patrick J Allen BA HDE(Hons)
- P Boyle MSc
- William E Boyers BA HDipEd BSc
- Paschal C Brennan BA
- John B Broderick MSc
- Elizabeth Clancy MSc
- J Corish BSc
- Martin Flinter MSc
- John J Gallagher BSc
- Edward P Lynch BA
- Owen McBreen MSc
- James P McLaughlin BSc
- Patrick M Maguire BSc
- Conor Murphy
- Edmund O’Brien BSc
- Seamas O'Dea MA HDipEd
- William J O'Doherty BA HDipEd
- Raymond J O'Kelly MSc
- Denis F O’Sullivan MSc PhD
- Desmond A Scannell BSc

---

### Department of Engineering Trades

**Head of Department:** Tomás Mac Carthaigh MIE
**Assistant Head:** Vacant

**Whole-time Staff**
- Desmond Aungier
- Denis McGrath
- Charles B O’Brien GradPlantE
- H A O’Neill CEng FIProdE
- Joseph Shiels

**Part-time Staff**
- Patrick J Buckley
- Peter Deane
- William D Hughes FTC (C & G)
- James F Lawless
- Gerard F Murphy
- Timothy P Murphy MIMarE
- Sean O’Farrell
- Andrew O’Hanlon
- James Roche

---

### Department of Aeronautical Engineering

**Head of Department:** Thomas McInerney AMSLAE ACD & X Licences
**Assistant Head:** Michael Forde A & C Licences

**Whole-time Staff**
- William J Brazil

**Part-time Staff**
- James Roger Bourke
- Daniel Brennan A & C Licence
- James Coleman X Licence PMG
- Eamonn K Dempsey
- James Donohoe AME
- Alberic Doody AME
- Michael P Healy BA
- Thomas Higgins AME
- James S Hogan AME
- Patrick Hogan AME
- John A Hughes
- Denis McMahon
- Patrick M Murphy LAE
- Edwin T O’Connor
- Andrew O’Neill AME
- Denis O’Regan
- Joseph F Walsh ASLAE
- Douglas Wilson
ACADEMIC STAFF

Department of Automobile Engineering

Head of Department: John Guirke AMIMI Manual Instructor's Certificate (Honours)
Assistant Head: Richard Dowling MIMI

Whole-time Staff
John A Butler AMInstF DipEng GIMechE
Timothy Giblin
Alan Harbron SIMT TechDip
T J Kernan FTC (C & G)
Michael Kelly SIMT TechDip
Arthur McDermott AMIMI DipSocSc
James McGauran SIMT TechDip
Paul Purcell SIMT TechDip

Part-time Staff
John N Brooks BE AMIMechE CEng
Charles A Bryan AMIMI
Fintan Byrne GradIMI
Thomas Carroll AMIMI
Michael J Chester AMIMarE CEng
Elizabeth Clancy BSc
William Costello DipEng GIMechE
William J Doherty
Edward P Dunne CEng AMIMechE AMICEI
Patrick Furey BE
Vincent Hand
Laurence F Higgins AMIMechE
Reg Keating GIHE
Brendan A Kelly GradIMI
Martin Noel Kennedy BE AMIME
Patrick Lamon SIMT TechDip
Michael Long
Brian McCarrick GradIMechE
Donal McGonnell GradIMechE
Eugene McInerney GradIMechE DipEng
John McNamara
Desmond Maguire
Stephen Mason
Patrick Morgan
R H Murphy GradIMechE
Patrick Murray
John Newman
John O'Gorman GradIMI
Herbert O'Leary
Michael O'Neill GradIMI
G Pello AMInstF

Whole-time Staff
John Bennett FTC (C & G) FTC (Design)
Patrick Daly FTC (C & G)
John M Foley FTC (C & G)
Joseph B Kennedy FTC
Matthew Niall MSc BComm
Proinsias O hEifermain BA FTC (C & G)
Dara O Lochlainn NDD MSTD MDIA MICAD
Brendan Quinn Final C & G
Joseph Reddin FTC (C & G) AMI PgM
Kenneth Richards Final C & G
Robert Sharpe Final C & G
Una Gillespie BSc

Part-time Staff
D O Lochlainn Final C & G
M O'Brien Final C & G
Bernard Culligan
Clairan Donaghy BA BComm
Ronald Ennis
P Horan
Bartholomew Hempton
James P Keane
Patrick Corbally
Jeremiah Lynch
William Kelly
Michael John Kennedy
Stanley McDonald
Rex MacDonnell MIAPI
Allan McLeod-Martin ACCS
Andrew D Morris FTC (C & G)
Joseph E O'Byrne
Henry Owens
B McCarthy
T Duffy
Aidan Ryan
T Brennan
Shamus Wade MIAPI AGMA
Kevin B Walsh
B Matthews
ACADEMIC STAFF
School of Trades

Head of School: J B Hickey BA

Department of Building Trades "A"
(Bricklaying and Masonry Furniture Plastering Painting and Decorating Vehicle Building Vehicle Trimming and Vehicle Painting)
Head of Department: Robert C Grimes FTC (C & G)
Head of Furniture Division: Michael C Murray Hons C & G

Whole-time Staff
Charles Costello
Frederick Hosford
Joseph Lawlor
Gerard O’Toole

Part-time Staff
Christopher Byrne
James Farrell
James Fitzpatrick
John Kenny
Patrick Lawlor
Sean Mac Consill
John McCormick
Seamus S O'Dea MA HDip
John P Stephens
Valentine Ryan

Department of Metal Fabrication
Head of Department: John G Bolton AMInstW FTC (C & G)
Assistant Head: Brendan Rooney ClinstW Final C & G

Whole-time Staff
James F Bartley Final C & G
Nicholas Murray AMInstW
Anthony O’Toole FTC C & G
Joseph Quinn AMInstW
Daniel Rooney FTC C & G MRSH
Joseph K Walsh Final C & G

Part-time Staff
Joseph Noel Armstrong C & G Tech
Patrick Bolton Final C & G
James Bryan Final C & G
Sean Buckley BCD
Albert Byrne Final C & G
William F Carroll
Peter Cowley AMInstW
Christopher Devine
Noel Dunne
Michael C Foran
William Jackson Final C & G
Michael Kane
Michael McDaid
George Mackey AMInstW
Seamus P Mohan
Thomas Colley
Noel Mullins AMInstW

Department of Building Trades "B"
(Carpentry and Joinery and Woodcutting Machinery)
Head of Department: Thomas Bridgeman ABICC FTC (C & G)
Assistant Head: Joseph P O'Byrne FTC (C & G) LIoB

Whole-time Staff
Michael Bridgeman
Thomas Byrne
Andrew Dunne FTC (C & G)
Brendan Dunne ABIdg SL LIoB FTC C & G
Aidan Halpin ABICC Final C & G
Patrick Kelly Final C & G
Thomas Kiernan FTC (C & G)
Michael McDonnell
John McGuirk

Spiritual Directors
Senior Chaplain: Rev John McAvoy SJ
Rev Edward McAsey SJ
Rev Dermot McKenna SJ
Rev Gerald P Nolan SJ
Rev Kieran Barry-Ryan SJ
Rev Brian Scallan SJ
Rev Bernard OFM
Rev Columba OFM

Physical Education
Michael C Doogan
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 Courses
Students are admitted at the commencement of the session in September. Applications for admission should be submitted as soon as possible, preferably before the 1st June, on the form obtainable from the Secretary. Candidates awaiting results may make provisional application. Qualified applicants will be called for interview in September, and may be required to take an entrance examination. Documentary evidence of qualifications should accompany all applications.

Technician Courses
Admission is confined to candidates who have attained such a standard of general education as will enable them follow all the subjects of their course. Details of special entrance requirements are shown in the relevant sections of this prospectus. Application requirements are similar to those for whole-time professional courses.

Trade Courses
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 College Council 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 College Council 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.

Applications from Foreign Students must be accompanied by a letter of recommendation from the diplomatic representative of his country in Ireland or where there is no such representative, from the Ministry of Education in his country.

Attendance
The Vocational Education Committee may exclude any student from the College without refund of fees for irregular or unpunctual attendance or misconduct, or for any other reason which in the opinion of the College Council justifies exclusion. Three successive absences in any one class subject may lead to suspension from the complete course unless the Principal is informed in writing of the reason.

Changes in Class
The Vocational Education Committee may change any or all of the syllabus, the day and time of meeting of any class and may cancel classes where the enrolment or attendance is considered inadequate. If for some urgent reason a teacher cannot attend or arrange for a deputy, classes may be cancelled without notice.

Change of Address
Change of address or place of employment should be reported to the Office immediately.

Change of Classes
No exchange of classes may be made without the consent of the Head of Department.

Loss of, or Damage to Personal Property
Whilst every reasonable precaution is taken, the College cannot accept responsibility for damage to or loss of students' property. Bicycles and motorised cycles brought to the College premises by students should be locked and placed in the storage spaces provided. Coats, books, etc., should be clearly marked with the owner's name.

Damage to Equipment and Premises
The cost of the repair or replacement of College property damaged by a student shall on demand be paid to the College Authority by the student responsible for such damage.

Sessional Examinations
Examinations are held at the end of Session, no student shall be admitted to the Examinations who has not made at least three-fourths of the possible attendance except in special circumstances and at the discretion of the Head of Department. Promotion to a Higher Stage of Instruction in any subject is contingent on passing the Sessional Examination in the Lower Grade.

Homework
Students are required to submit regularly such homework as may be prescribed by members of the teaching staff.

Laboratory Record
An Experimental Record Book is required to be maintained by each student of a Laboratory Class; an assessment shall be made at the end of Session of each student's progress in Laboratory Techniques and experimental ability which will count in the Sessional Examination in that subject.
GENERAL REGULATIONS

Discipline
Any member of the teaching staff issuing a directive to any student misconducting himself on the College premises is authorised to enforce disciplinary measures, and the Principal may immediately suspend the student(s) pending a hearing of the charges by the College Council. Students must enter and leave the College buildings in a quiet and orderly manner, and must refrain from making unnecessary noise in corridors or classrooms.

The full co-operation of each student is invited in order to maintain the dignity and discipline of the College.

General Information
Day Classes will normally be held from 9 am to 12.30 pm and 2 pm to 5 pm each week-day except Saturday unless special arrangements are made in specific cases. Evening Classes will normally be held from 7 pm to 10 pm except where shown otherwise.

Office Hours: 9 am to 12.30 pm and 2 pm to 5 pm Monday to Friday, and at special periods of the year at times which will be posted on the Notice Board. Except during enrolment periods members of the teaching staff will not be available for interviews except by prior appointment.

Fees
Fees are payable on enrolment and no student will be permitted to attend any class until the proper fees have been paid.

Guarantees may be accepted from local authorities, education establishments or employers.

Fees will not be refunded except where a course does not form or where a student, with the consent of the Head of his department, withdraws his application before the commencement of the course.

The sessional fees are shown under the headings for the various courses.

Examinations
Closing dates and fees for examinations conducted by the Department of Education, the City and Guilds of London Institute and other bodies are displayed on the College Notice Board as they occur. An entrance fee of 2 guineas is payable in respect of certain Professional Examinations.

A candidate may be permitted to sit for one supplementary examination without payment of a further fee.

Library
Students attending full-time and part-time day courses have access to the College Library. By arrangement with the Corporation of Dublin, the College Librarian can obtain from any of the public libraries in Dublin any special reference book or text book required by a student. The removal of books or journals from the Library is not permitted.

Refectory
The students' Refectory is open throughout the session for lunches, teas and morning and afternoon teas and coffee.
GUIDE TO COURSES

Technological Courses

- **Architecture, Surveying and Building**
- **Engineering**
  - E/40. General Certificate in Education
  - E/41. Graduate Courses in Engineering
  - E/42. Certificate Engineering Technicians' Course
  - E/43C. Civil Engineering Technicians' Course
  - E/43M. Mechanical Engineering Technicians' Course
  - E/43V. Heating, Ventilating and Airconditioning
  - E/43. Engineering Draughtsmanship
  - E/46. Aeronautical Engineering Technicians
  - E/47. Diesel Maintenance
  - E/48. Welding Technicians' Course
  - E/49. Automobile Engineering Technicians
  - E/50. Refrigeration Engineering Technicians

Printing

- **Printing**
  - E/81. Printing Technology
  - E/82. Training for Administrative Staff
  - E/83. Applied Printing
  - E/84A. Costing
  - E/84B. Estimating
  - E/85. Paper Technology and Marketing
  - E/86. Typographic Design and Layout
  - E/89. Basic Diploma Course in Advertising
  - E/90. Diploma Course in Advertising

Short Courses

- Each session, short courses are held consisting, usually, of eight to twelve lectures relating to special aspects of Building, Engineering or Printing Technology. Details of these short courses are advertised in the daily newspapers.

Trade Courses

- **Engineering**
  - D/141. Fitting and Turning. Block release
  - D/142. Automobile Engineering Technicians, Block release
  - D/142B. Automobile Engineering Craft. Block release
  - D/143. Gas & Electric Welding. Part-time
  - D/149. Sheet Metal. Part-time

- **Printing**
  - D/183. Letterpress Machine Work. Block release
  - D/184. Process Engraving. Part-time
  - D/188. Stereotyping and Electrotyping. Part-time
  - D/190. Compositors' Work. Block Release
  - D/192. Lithography and Photo-Lithography. Block Release
  - D/195. Film Make-up. Block Release

School of Trades

- D/101. Bricklaying
- D/102. Plastering
- D/105. Painting and Decorating
- D/107. Vehicle Building
- D/108. Vehicle Trimming
- D/111. Cabinet Making
- D/112. Upholstery
- D/113. Woodfinishing
- D/121. Carpentry & Joinery
- D/122. Woodcutting Machinists' Work
- D/150. Metal Fabrication
- D/151. Heating Fitting
- D/153. Plumbing

Trade Courses (Evening)

- **Engineering**
  - E/141. Fitting and Turning
  - E/142. Motor Mechanics' Work (Advanced)
  - E/143. Gas and Electric Welding

- **Printing**
  - E/185. Linotype, Intertype and Teletypesetting
  - E/186. Monotype Casting
  - E/187. Monotype Keyboard

School of Trades

- E/101. Bricklaying
- E/105. Painting & Decorating
- E/107. Vehicle Building
E/111. Cabinetmaking & Design.
E/112. Upholstery.
E/113. Wood Finishing.
E/121. Carpentry & Joinery.
E/122. Woodcutting Machinists' Work.
E/144. Patternmaking.
E/145. Foundry Work.
E/146. Brassfinishing.

Physical Education  E/201. Physical Education for Men.

DESCRIPTION OF COURSES

Technological + Technician Courses
(Day)
Entrance Standard

The preliminary educational qualifications required for enrolment are as follows:—

1. (a) Matriculation of the National University of Ireland.
   (b) Matriculation of London University.
   (c) Matriculation of Queen's University, Belfast.
   (d) An Examination exempting from any of the foregoing.
   (A candidate claiming exemption on this head shall submit written evidence of such exemption.)

The applicant shall have passed in the following subjects:

1. Mathematics.
2. English.
3. French, German, Italian or Spanish.

And passed in at least two of the following subjects:

4. (a) One or more other Languages (including those listed under (3)).
   (b) Physics.
   (c) Chemistry.
   (d) Mechanics (or Applied Mathematics or Mathematical Physics).
   (e) History.
   (f) Geography.

Note

Up to 1967, Irish will also be accepted under 3 above.
Candidates who have Matriculated on or before 1966 or who have passed a recognised qualifying examination as defined under 1. (a), (b), (c) or (d) may present an alternative set of subjects as follows:—

1. Mathematics.
2. English.
3. Irish or another Language.
4. Latin, Classic Greek, French, Italian, Spanish, German, Russian or Portuguese. And passed in at least one of the following subjects:—
5. (a) Physics.
   (b) Chemistry.
   (c) Mechanics, or Applied Mathematics or Mathematical Physics.
   (d) History.
   (e) Geography.

Subjects of Instruction are

First Year
Studio Work; Building Construction and Materials; History of Architecture; Mathematics; Mechanics; Physics; Chemistry; Geometry.

Second Year
Studio Work; Theory of Architecture; History of Architecture; Building Construction; Building Services I; Theory of Structures; Craftwork,
TECHNOLOGICAL+TECHNICIAN COURSES (DAY)

D/1A.

DIPLOMA COURSE IN ARCHITECTURE

Third Year
Studio Work; Theory of Architecture; Building Construction;
Building Services II; Building Materials; Structural Engineering;
Craftwork; Surveying and Levelling.

Fourth Year
Studio Work; Theory of Architecture; Building Construction;
Structural Engineering; Professional Practice (including Cost Controls
and Site Management); Interior Design (including furniture design);
Town Planning Theory (including Sociology); Economics.

Fifth Year
Studio Work; Structural Engineering; Professional Practice;
Town Planning (Theory); Specifications and Materials.

Note
Studio Work includes Architectural Drawing, Architectural Design,
Building Construction, Drawing, Graphics and in the case of
the First Year only, Geometrical Drawing, and in the case of the
Fifth Year only Landscape Design.
Fee £50 per annum.

D/28.

HIGHER BUILDING TECHNICIANS’ CERTIFICATE COURSE

A pass level course leading to a Certificate in Building Technology.
The course is of three years’ duration and designed to prepare
students for Licentiateship of the Institute of Building and the Building
Surveyors’ Institute and Technician Membership of the
Incorporated Association of Architects and Surveyors.

Subjects
First Year
Mathematics; Science; Logic, Principles of Law; Mathematical
Statistics; Principles of Accounts; Economics; Environment and
Functions of Buildings; Human Organisation and Environment.

Second Year
Principles of Valuation; Principles of Town and Country Planning;
Land Economics; Management and Social Services; Building
Construction and Services; Law of Property I;
Land Surveying and Setting Out I; Law of Contract.

Third Year
Applied Valuations I; Urban Economics I; Maintenance and Management
of Buildings; Law of Property II; Planning and Compensation Law;
Law of Obligations; Land Surveying and Setting Out II.

Fourth Year
(Town Planning)
Applied Town and Country Planning; Applied Valuation II; Urban
Economics II; Computer Applications; Arbitration and Tribunals I.

Practical Experience
Students are required to gain Industrial and Professional experience
during the extended summer vacations.

Entry Qualifications
(a) The Secondary Schools Leaving Certificate.
(b) The Matriculation Certificate of a recognised University.
(c) The General Certificate of Education.
Fee £40 per annum.

D/28.

HIGHER BUILDING TECHNICIANS’ CERTIFICATE COURSE

Practical Experience
Students are required to gain Industrial and Professional experience
during the extended summer vacations.

Entry Qualifications
(a) The Secondary Schools Leaving Certificate with a minimum of
two subjects at honours level.
(b) The Matriculation Certificate of a recognised University.
(c) The General Certificate of Education with a minimum of two
subjects at Advanced level.
Fee £50 per annum.
TECHNOLOGICAL + TECHNICIAN COURSES (DAY)

D/48.

DIPLOMA COURSE IN CONSTRUCTION ECONOMICS

(Progressively supersedes Courses in Building Technology and Quantity Surveying.)

An honours level course leading to a diploma in either Building Management or Quantity Surveying. The course is of four years' duration and designed to prepare students for Associateship of the Royal Institution of Chartered Surveyors, The Institute of Building, The Building Surveyors' Institute, The Institute of Quantity Surveyors and the Incorporated Association of Architects and Surveyors.

Subjects

**First Year**
Mathematics; Science; Logic; Principles of Law; Mathematical Statistics; Principles of Accounts; Economics; Environment and Functions of Buildings; Structure of the Building Industry.

**Second Year**
Construction Site Works and Services; Building Science; Industrial Economics and Practice; Land Surveying and Setting Out; Law of Contract; Law of Property I; Principles of Valuation.

**Third Year**
Quantities and Economic Analysis; Principles of Management; Construction Site Work and Services II; Principles of Structural Design; Maintenance of Buildings; Land Surveying and Setting Out II; Law of Obligations, Rights and Easements.

**Fourth Year**
(Quantity Surveying)
Quantities and Economic Analysis; Financial Administration; Site and Production Management; Computer Applications; Arbitration and Building Contract.

(Building Management)
Financial Management and Commercial Practice; Personnel Management and Human Relations; Site and Production Management; Computer Applications; Arbitration and Building Contracts.

Practical Experience

Students are required to gain Industrial and Professional experience during the extended summer vacations.

Entry Qualifications

(a) The Secondary Schools Leaving Certificate with a minimum of two subjects at honours level.
(b) The Matriculation Certificate of a recognised University.
(c) The General Certificate of Education.

Fee £25 per annum.

D/4C.

PART-TIME COURSE FOR BUILDING TECHNICIANS

(Progressively supersedes Part-time Course in Quantity Surveying.)

The course is of four years' duration with attendance on one whole day and two evenings each week and is designed to prepare students for the Advanced Technological Certificate examinations of the Department of Education and the Construction Technicians' Certificate Examination of the City & Guilds of London Institute (which leads to Technician Membership of the Institute of Building).

Subjects

**First Year**
Building Science; Building Construction and Services; Building Calculations; Principles of Structural Design.

**Second Year**
Building Science; Building Construction and Services; Building Calculations; Safety Regulations; Principles of Structural Design.

**Third Year**
Building Construction and Services; Measurement and Price Build-up; Land Surveying and Setting Out; Elements of Administration.

**Fourth Year**
Building Construction and Services; Measurement and Price Build-up; Land Surveying and Setting Out; Elements of Administration.

Practical Experience

Students are required to be employed in the Building Industry.

Entry Qualifications

(a) The Secondary Schools Leaving Certificate.
(b) The Matriculation Certificate of a recognised University.
(c) The General Certificate of Education.

Fee £25 per annum.

D/5.

DIPLOMA COURSE IN GEO-SURVEYING

An honours level course leading to a Diploma in either Land Surveying or Mining Surveying. The course is of four years' duration and designed to prepare students for Associateship of the Royal Institution of Chartered Surveyors.

Subjects

**First Year**
Mathematics; Science; Logic; Principles of Law; Mathematical Statistics; Principles of Accounts; Economics; Environment and Functions of Buildings; Chain Surveying and Levelling.

**Second Year**
Pure Mathematics; Applied Mathematics; Physics; Geology; Trigonometrical Engineering and Mining Surveying; Topographical Surveying I; Cadastre I; Mining Principles; Law of Property I.
D/5. DIPLOMA COURSE IN GEO-SURVEYING

Third Year
Trigonometrical and Geodetic Surveying I; Topographical Surveying II; Cadastre II; Mining Law; Principles of Valuations; Land Taxation.

Fourth Year
(Land Surveying)
Trigonometrical and Geodetic Surveying II; Topographical Surveying III; Cadastre III; Computer Applications; Administrative Law.

(Mining Surveying)
Mining Surveying; Ground Movement in Mining Areas; Mineral Valuation; Mineral Leases, Covenants and Assignments; Administrative Law; Computer Applications.

Practical Experience
Students are required to gain practical experience during the extended summer vacations.

Entry Qualifications
(a) The Secondary Schools Leaving Certificate with a minimum of two subjects at honours level.
(b) The Matriculation Certificate of a recognised university.
(c) The General Certificate of Education with a minimum of two subjects at Advanced level.

Fee £50 per annum.

D/6A. TOWN AND REGIONAL PLANNING (WHOLE-TIME)

This is a two-year full-time course, the second year may be part-time which prepares students for the Final Examination of the Town Planning Institute and leads to a Diploma of Town and Regional Planning.

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

Subjects

Fee 1st Year £70 per annum; 2nd Year £35 per annum.

D/6B. TOWN AND REGIONAL PLANNING (PART-TIME)

This is a three-year post-graduate course to prepare students for the Final Examination of the Town Planning Institute. It involves part-time day and evening attendance.

Entrance Standard
Same as for Course D/6A.

Subjects
Same as for Course D/6A.

Fee £35 per annum.

D/7. DIPLOMA COURSE IN HEALTH INSPECTION

A course of three years’ duration organised in consultation with the Department of Health and the Health Inspectors’ Training Board. The Department of Health is responsible for the selection and sponsoring of students.

Subjects
First Year
Biology; Micro Biology; Anatomy and Physiology; Chemistry; Physics; Building Construction I; Local Government Law and Administration; Food Hygiene; Public Health Law; Entomology and Parasitology; Meat Inspection; Sewage and Sewage Disposal; Philosophy I; Tutorial.

Second Year
Vital Statistics; Micro Biology; Food and Food Inspection; Port and Airport Sanitation; Pest Control; Heating, Lighting and Ventilation I; Atmospheric Pollution; Offensive Trades; Building Construction II; Public Health Law and Administration (Housing Law); Drainage; Water Supplies; Meat Inspection; Infectious Diseases; Public Cleansing; Philosophy II; Tutorial.

Third Year
Radiation; Health Education; Food and Food Inspection; Specifications and Quantities; Public Health Law and Administration; Water Supply; Atmospheric Pollution; Building Hygiene and Housing Administration; Heating, Lighting and Ventilation II; Building Construction III; Philosophy III; Tutorial.

Practical Experience
Students spend six months of each year in the field.

Entry Qualifications
(a) The Secondary Schools Leaving Certificate.
(b) The Matriculation Certificate of a recognised University.
(c) The General Certificate of Education.

Fee £50 per annum.
This is a three-year whole-time course designed to train Architectural Technicians and leading to the Architectural Technicians' Certificate. The final examination of the course is accepted as a qualification for Associate membership of the Institute of Architectural and Associate Technicians, and for membership after two years of practical experience. The course extends from mid-October to mid-May and during the Summer vacation students are required to gain approved practical experience in professional offices. This vacation work is optional between 1st and 2nd year and mandatory between the 2nd and 3rd year.

Entrance Standard

The Secondary Schools' Leaving Certificate in five subjects which must include Mathematics and English.

Subjects

First Year

Second Year

Third Year

Fee £30.

PRELIMINARY COURSE

This is a one-year whole-time course commencing each year in mid-September. Its purpose is to prepare suitable students for entry to the Pre-Professional Course in Engineering or for positions as trained engineering technicians in industry.

Entrance Requirements

(a) Leaving Certificate of the Department of Education with passes in Mathematics, English, and three other subjects; or (b) have satisfactorily completed a recognised post-intermediate (or Group Certificate) continuation course.

Course of Study

The subjects studied are: Mathematics, Applied Maths, Engineering Drawing, Experimental Physics, Chemistry, German, Philosophy, Practical Engineering and Tutorials.

Fee £35 per annum.
DIPLOMA COURSE IN MECHANICAL+PRODUCTION ENGINEERING

(1) MECHANICAL ENGINEERING

This is a three-year sandwich course consisting of eight months’ academic work each year commencing in mid-September, and three months’ practical training in industry. The following schemes are in operation.
(a) College-Based Scheme. Suitable students are enrolled by the College, which then directs their academic studies and assists in arranging vacation training each summer.
(b) Industry-Based Scheme. Suitable students, whose employers are prepared to sponsor them for the duration of the course, may be admitted. Employers make their own arrangements with their students regarding the payment of fees, wages, books, etc. The practical training in industry is designed by the College in collaboration with the industrial sponsor.

Entrance Requirements to the First Year
(a) Passed the College Pre-Professional Examination or its equivalent.
(b) Passes at Advanced Level in the General Certificate of Education examinations in Physics and Mathematics or Applied Mathematics, and (c) Passes in English and two other subjects at GCE Ordinary Level, or at Honours Level in the Leaving Certificate of the Department of Education, and
(d) A minimum of three months’ approved practical training in industry.

Course of Study
The subjects are as follows:
First Year
Mathematics, Principles of Electricity, Applied Mechanics,
Thermodynamics, Fluids, Engineering Drawing, Physics, Fundamentals of Production, General Studies, Workshop and Laboratory Work.
Second Year
Strength of Materials, Mechanics of Machines, Principles of Production,
Thermodynamics, Fluid Mechanics, Electrotechnology and Controls,
Civil Engineering, Mathematics and Statistics, Engineering Administration, Engineering Laboratories, General Studies and Tutorials.
Final Year
Strength of Materials, Mechanics of Machines, Design for Production,
Applied Thermodynamics and Hydraulic Machines, or Production Engineering, Electrotechnology and Controls, Computer Applications,
Mathematics, Engineering Administration, Project, General Studies and Tutorials.
In the Final Year students are required to carry out an individual design or research project and to submit a short thesis on the work performed.

Examinations and Other Requirements
Students will not be permitted to advance to the next year of the course unless they have
(a) satisfied the examination requirements;
(b) have a satisfactory attendance record in each subject they are required to attend;
(c) have presented Laboratory and Year’s Work to the satisfaction of the examiners;
(d) have completed the vacation training programme for the year and submitted a satisfactory report thereon.

Award of Diploma in Mechanical Engineering (Dip. Eng.)
At the completion of the course students who have been successful in the Final examination and who have satisfactorily completed their project will be eligible for the award of the Diploma in Mechanical Engineering. Students holding the Diploma will be granted complete exemption from the present Parts I, II and III examinations of the Institution of Mechanical Engineers.

Fee £50 per annum.

(2) PRODUCTION ENGINEERING

This is a three-year sandwich course consisting of eight months’ academic work each year commencing in mid-September, and three months’ practical training in industry. The general scheme and entrance requirements are as in the Mechanical Engineering Diploma Course. In the Final Year students are required to take certain Production Options and the project will have a Production Engineering bias.

Award of Diploma in Production Engineering (Dip. Eng.)
At the completion of the course students who have been successful in the Final Examination and who have satisfactorily completed their project will be eligible for the award of the Diploma in Production Engineering. Students holding this Diploma will be granted complete exemptions from the present Part I, II and III requirements of the Institution of Production Engineers.

Fee £50 per annum.
### MECHANICAL ENGINEERING PART-TIME PROFESSIONAL COURSE

This is a six-year part-time day and evening course designed to prepare students initially for the GCE "O" Level and "A" Level examinations and later for the Part I and Part II examinations of the Council of Engineering Institutions. Students are required to attend two days per week and also for some evening classes. Courses at the different stages will only be provided if there is an adequate demand for them.

**Entrance Requirements**
- Leaving Certificate or Department of Education Elementary Stage
- Technological Certificate in Mechanical Engineering.

**Course of Study**
- **First Year**
  - Mathematics, Applied Mathematics, Physics, Chemistry, English Language and Drawing.
- **Second Year**
  - Mathematics, Physics, Applied Mathematics and Drawing.
- **Third and Fourth Years**
  - Mathematics, Mechanics, Fluids, Thermodynamics, Electricity, Materials Science.
- **Fifth and Sixth Years**
  - A suitable selection of subjects from the C.E.I. Part II programme.

**Examinations**
- At end of First Year—GCE "O" Level in subjects of course.
- At end of Second Year—GCE "A" Level in subjects of course.
- At end of Fourth Year—Part I of the C.E.I. examinations.
- At end of Sixth Year—Part II of the C.E.I. examinations.

**Fee** £15 per annum.

### ENGINEERING WORKS MANAGERS' COURSE

This two-year part-time day and evening course is intended for engineering technicians and trainee engineering works managers.

**Entrance Requirements**
- Students should have reached the Leaving Certificate standard of general education and be suitably employed as managers or supervisors in the engineering industry.

### CIVIL ENGINEERING TECHNICIANS' COURSE

This is a one-year wholetime course followed by two years of part-time studies, to prepare students as Civil or Structural Engineering Technicians or Draughtsmen. At the end of the first year successful students take up suitable employment and in the subsequent years they are released to attend the College on one or two days per week.

**Entrance Requirements**
- Leaving Certificate or equivalent, preferably with Mathematics, Drawing and a Science subject.

**Course of Study**
- **First Year**
- **Second & Third Years**
  - Six subjects from the following:

**Examinations and Other Requirements**
- At the end of First Year: Students take the Intermediate Stage of the Department of Education Engineering Technicians' Certificate.
- At the end of Third Year: Students take the Final Stage of the Department of Education Engineering Technicians' Certificate.

**Fee** 1st year £15 per annum.
### D/43M. MECHANICAL ENGINEERING TECHNICIAN COURSE

This is a one-year whole-time course followed by two years of part-time studies which prepares students for careers as technicians in different specialisations in Mechanical Engineering. There is a common first year course.

**Entrance Requirements**
- Leaving Certificate or equivalent preferably with Mathematics, Drawing and a Science subject.

**Course of Study**
- **First Year**
- **Second and Third Years**
  - Subjects appropriate to the field of specialisation.

**Examination Requirements**
- **First Year**
  - At present students take a college examination, but it is expected that a suitable Department Examination will be available in 1969. They may also take Part I of the 310 City and Guilds Instrumentation Technicians’ Certificate Examination.
- **Second and Third Years**
  - A College examination together with—depending on the specialisation—Part II of the 310 City and Guilds (Instrumentation) or appropriate Department of Education Exams.
- **Fee**
  - £15 per annum.

### D/43V. HEATING, VENTILATING+AIRCONDITIONING TECHNICIANS' COURSE

This is a part-time day and evening course intended to prepare suitable students for the City & Guilds of London examinations for the Heating, Ventilating & Airconditioning Technicians’ Certificate (No. 339).

**Entrance Requirements**
- (a) Satisfactory completion of the first year of Course D43M or
- (b) Dept. of Education Intermediate Technological Certificate or
- (c) Honours Leaving Certificate in Mathematics, Physics and Drawing or
- (d) GCE “O” Level in Mathematics, Physics, Drawing, and English.

**Course of Study**
- **First Year**
- **Second Year**

**Examinations and Other Requirements**
- At the end of the first year students take the Part I examination (No. 339) of the City & Guilds of London Institute, and the Part II at the end of the second year.
- **Fee**
  - £15 per annum.

### D/44. AUTOMOBILE ENGINEERING COURSE

This course is arranged to meet the examination requirements of the Institute of the Motor Industry (Inc.), the Institute of Road Transport Engineers, the Institute of Automobile Assessors, and The Society of Engineers (Inc.). Students attend the College for 32 hours per week for the period mid-September to April. The full course extends over three years. During the summer recess students are required to obtain suitable employment in the Automobile Engineering Industry.

**Entrance Requirements**
- The entrance standard required is the Secondary Schools Leaving Certificate (including Maths and a Science subject) or an equivalent certificate.

**Course of Study**
- **First Year**
- **Second Year**
**TECHNOLOGICAL+TECHNICIAN COURSES (DAY)**

**AUTOMOBILE ENGINEERING COURSE**

Final Year

Options
Students will be permitted to take alternative classes in Production, Mathematics, Thermodynamics, etc.

Examination and Other Requirements
Students are required to (a) take the Section A examinations of the above Institutes at the end of the first year, (b) take the section B examinations at the end of the second year, and (c) take the Section C examinations at the end of the third year.

Fee £25 per annum.

**AIRCRAFT TECHNICIANS' COURSE**

This course is a four-year sandwich course to train Aircraft Technicians for the ICAO Licensed Maintenance Engineers' Licences issued by the Department of Transport and Power. Students attend the College from September to May inclusive and spend the remainder of the year in the Aircraft Industry.

Entrance Requirements
(a) Intermediate Certificate of the Department of Education in suitable subjects.
(b) Day Group Certificate of the Department of Education in suitable subjects.

Course of Study
The subjects studied are as follows:
First Year

**TECHNOLOGICAL+TECHNICIAN COURSES (DAY)**

**MECHANICAL ENGINEERING HIGHER TECHNICIANS' COURSE**

This is a three-year Sandwich course which prepares students for a higher level technician qualification. The students attend the college for eight months each year commencing in October and they spend the remainder of the year on practical training in industry.

Entrance Requirements
Leaving Certificate or Equivalent with good passes in Mathematics, Physics, English and two other subjects.

Second Year

Third Year

Final Year

Examination and Other Requirements
Students are required to pass examinations as follows:
(a) At the end of the first year the Department of Education Junior Trade Group Certificates and Elementary Stage Technological Examinations in Mechanical Engineering.
(b) At the end of the second year—the Department of Education Senior Trade Group Certificate, Intermediate Stage Technological Examinations in Mechanical Engineering and City and Guilds of London Institute Examination in Aeronautical Engineering Practice Part I. (c) At the end of the third year—the Department of Education Senior Turning and Senior Workshop Technology and the Advanced Stage Examinations in Mechanical Engineering.
(d) At the end of the fourth year—the Department of Education Higher Technological Certificates in Mechanical Engineering and the City and Guilds of London Institute Examination in Aeronautical Engineering Practice Part II. Examinations of SIAET AFRAeS Part I.

Fee £30 per annum.
D/46.

TECHNICAL+TECHNICIAN COURSES (DAY)

MECHANICAL ENGINEERING HIGHER TECHNICIANS' COURSE

Course of Study

First Year

Second Year

Third Year

Examinations and Other Requirements
(a) Students must take a College examination at the end of each session. They may also take the appropriate examinations of the Department of Education or other bodies as directed.
(b) They are required to submit a report on their industrial training each year and also one on their final year project.
(c) They must present laboratory notebooks and year's work to the satisfaction of the College Authorities.

Fee £35 per annum.

D/47A.

PART-TIME MECHANICAL ENGINEERING TECHNICIANS' COURSE

This part-time day course is intended to prepare suitable students for the City & Guilds of London examinations for Mechanical Engineering Technicians (293). The course is for technicians and draughtsmen engaged in the following types of employment: Jig & Tool Design, Engineering Production, Design Draughtsmen and Plant Engineering.

Entrance Requirements
Elementary stage of the Department of Education examinations in Mechanical Engineering and suitable craft background.

Course of Study
First Year
Workshop Processes and Practice, Engineering Drawing and Materials, Engineering Science, Mathematics, General Studies together with a supplementary subject to suit special requirements.

SECOND AND THIRD YEARS
Engineering Science, Mathematics, General Studies, Applied Technology and appropriate option.

Applied Technology and one specialised subject selected from Jig and Tool Design, Product Design, Engineering Production, Mechanical Engineering Inspection, Plant Engineering and others.

Examination and Other Requirements
At the end of the first year students take the Part I examination of the City & Guilds of London Institute No. 293, Part II at the end of the third year, and Part III at the end of the fourth year.

Fee £15 per annum.

D/47B.

MECHANICAL ENGINEERING TECHNICIANS' BLOCK-RELEASE COURSE

This is a block-release course which is intended to prepare suitable applicants for the City & Guilds examinations for Mechanical Engineering Technicians (293).

The course is of four months' duration. Other details as for D/47A.

Fee £15 per annum.

D/52.

HEATING AND VENTILATING TECHNICIANS' COURSE

This is a three-year part-time day course involving attendance on one day per week. The course is intended for those who have satisfactorily completed a craft course for heating fitters and who aspire to be potential foremen.

Entrance Requirements
Applicants must have completed an apprenticeship in heating and ventilating craft practice, and should preferably have completed Course D/151.

Examination Requirements
Students will be required to sit the examinations of the City & Guilds of London Institute for Heating and Ventilating Technicians—No. 181.

Fee £10 per annum.
TECHNOLOGICAL+TECHNICIAN COURSES (DAY)

D/81.

PRINTING TECHNOLOGY

The course is designed for those 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 & 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 Compositor's 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 (6 hours) for the third year. The training in the above courses will be supplemented by:
(a) Visits to industry.
(b) Lectures by specialists on particular aspects of the industry.

Fee £10 per annum.

D/82.

TRAINING FOR ADMINISTRATIVE STAFF

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. Consequent on the expansion of the industry a definite need exists for the training of young men, already engaged in the Industry, to fit them for promotion to administrative posts. The course occupies three years; the first two are mainly concerned with Trade Techniques, Costing and Estimating, and the third year with Administrative studies.

To secure optimum results the numbers enrolled for the course will be limited to a maximum of twelve each year.

The age group for trainees is between 19 and 24 years, and the minimum educational qualification required is the Leaving Certificate. Students at the end of the first year will be required to pass the Preliminary Technical Knowledge Examination of the British Federation of Master Printers. A Diploma will be awarded to those who, having attended the full course, have passed the examination 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.

Fee £15 per annum.
Technological + Technician Courses
(Evening)
E/1A. BUILDING TECHNOLOGY

A six-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 (Intermediate and Final (Part 1) Examinations); The Institute of Clerks of Works in Ireland (Intermediate and Final Examinations); City & Guilds of London Institute (Building Technician’s Certificate and Certificate Examinations in Builders’ Quantities); The Department of Education (Certificate Examinations in Building Technology—elementary, intermediate and advanced stages). Associated Examining Board (GCE-technical subjects).

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.

Fee £10 per annum.

E/1B. COURSE FOR BUILDING TECHNICIANS

(Progressively supersedes Course in Building Technology, E/1A.)

The course is of four years’ duration with attendance on three evenings of each week and is designed to prepare students for the Advanced Technological Certificate examinations of the Department of Education and the Construction Technicians’ Certificate Examination of the City & Guilds of London Institute (which leads to Technician Membership of the Institute of Building).

Subjects

First Year

Building Science; Building Construction and Services; Building Calculations.

Second Year

Building Science; Building Construction and Services; Building Calculations; Safety Regulations.
E/1B. COURSE FOR BUILDING TECHNICIANS

Third Year
Building Construction and Services; Measurement and Price Build-up; Land Surveying and Setting Out.

Fourth Year
Building Construction and Services; Measurement and Price Build-up; Land Surveying and Setting Out.

Practical Experience
Students are required to be employed in the Building Industry.

Entry Qualifications
Full Technological Certificate in Building Crafts of the City & Guilds of London Institute.

Fee £10 per annum.

E/2. SURVEYING AND LEVELLING (ELEMENTS)

A two-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 field work held on Saturday afternoons during late spring and early summer. Optional classes in Mathematics and Draughtsmanship may be taken in conjunction with this course.

Fee £10 per annum.

E/3. TIMBER TECHNOLOGY

A three-year course to prepare students for the final examinations of the Institute of Wood Science.

Fee £10 per annum.
## TECHNOLOGICAL + TECHNICIAN COURSES (EVENING)

### E/43C. CIVIL ENGINEERING TECHNICIANS

This is a four-year evening course to prepare students in suitable employment for the Intermediate and Final Level examinations of the Department of Education Civil Engineering Technicians' Certificate. Entrance requirements: Leaving Certificate or GCE.

Fee £10 per annum.

### E/43M. MECHANICAL ENGINEERING TECHNICIANS

This is a four-year evening course to prepare students for the Part I and Part II examinations of the City & Guilds of London—Mechanical Engineering Technicians (293). It is a supplement to Course D/47A and may also be attended by students unable to obtain day release.

Fee £10 per annum.

### E/43V. HEATING & VENTILATING TECHNICIANS

This is a two-year evening course to prepare students for the Part I and Part II examinations of the City & Guilds of London Institute—Heating, Ventilating and Airconditioning Technicians (339). It is a supplement to Course D/47A and may also be attended by students unable to obtain day release.

Fee £10 per annum.

### E/46. AERONAUTICAL ENGINEERING TECHNICIANS

This course provides instruction for aircraft maintenance engineers who desire to take the Licence Examinations of the Department of Transport and Power.

Fee £10 per annum.

### E/47. DIESEL MAINTENANCE

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

Fee £7 10s. 0d. per annum.

### E/48. WELDING TECHNOLOGY COURSE

This course is designed to meet the requirements of those engaged in the design or supervision of projects involving the use of welding. The course of lectures will be based on the following syllabus.

1. **Welding Metallurgy**

2. **Welding Processes**

3. **Inspection & Testing of Welding Structures**
   - The function of inspection. Survey of inspection procedure with reference to assembly, preparation, technique procedure, and related mechanical tests. Use of penetrant methods of weld examination. Magnetic crack detection, principles and techniques, X and gamma radiography, principles, equipment. Ultrasonics; equipment use, and applications to weld examination. Weld inspection on site.
   - Note: This part of the course will include practical demonstration.

4. **Design for Welding**
   - Fee £7 10s. 0d. per annum.
AUTOMOBILE ENGINEERING COURSE

This is a five-year evening course requiring attendance at the College for three evenings (9 hours) each week (26 weeks each year). The course prepares students for the Associate Membership Examinations of the Institute of the Motor Industry (Inc.), the Institute of Road Transport Engineers and the Institute of Automobile Assessors, Section A of the Associate Membership Examination of the above Institutes is taken at the end of the second year. At this stage students specialise and take relevant subjects to prepare themselves for the Section B examinations of the above Institutes and in addition students may prepare themselves for the IMI "Pardic" Scheme Examinations. The Section B examinations are usually taken at the end of the fourth year and Section C examinations at the end of the fifth year.

Entrance Requirements  
Secondary Leaving Certificate or equivalent certificate.

Course of Study

The subjects studied are as follows:

First Year  

Second Year  

Third Year  
Motor Engineering—Theory, Motor Engineering—Practice, Management Practice including Method Study, Motor Trade Practice and Law, Workshop Organisation and Administration, or Parts Merchandising, Parts Department Administration and Organisation.

Fourth Year  
Motor Engineering—Theory, Motor Engineering—Practice, Management Practice including Method Study, Motor Trade Practice and Law, Workshop Organisation and Administration, or Parts Merchandising, Parts Department Administration and Organisation.

Fifth Year  
Management Practice including Method Study, Motor Trade Practice and Law, Workshop Organisation and Administration, or Parts Department Administration and Organisation.

Fee £7 10s. Od. per annum.

REFRIGERATION ENGINEERING TECHNICIANS

This is a two-year course for Technicians employed in the refrigeration engineering industry. Suitable students are prepared for the City & Guilds of London Institute examinations in Science and Technology of Refrigeration No. 73. The subjects of instruction are: Basic Thermodynamics, Refrigeration Processes and Refrigeration Machinery.

Fee £7 10s. Od. per annum.

PLUMBING DESIGN & TECHNOLOGY

This is a two-year course for students who have a good detailed craft knowledge to prepare them for posts as Plumbing Designers, Estimators or Supervisors, Entrance qualifications are the Senior Stage Certificate (Plumbing) of the Department of Education or 1st Class Pass in Plumbers Work (Final Stage) of the City & Guilds of London Institute or equivalent.

Fee £7 10s. Od. per annum.

PRINTING TECHNOLOGY

This is a continuation of the Day Course in Printing Technology constituting the Third year of the course.

Fee £7 10s. Od. per annum.

TRAINING FOR ADMINISTRATIVE STAFF

This course is a continuation of the Day Course for Administrative Staff (see Course D/82).
E/83. APPLIED PRINTING
A 2-year course designed to provide those engaged in the Clerical and Administrative side of Printing with a general knowledge of the crafts involved in modern printing and of the materials and appliances used. Students who complete the course may enter the Preliminary Technical Knowledge examination of the British Federation of Master Printers. A first class pass in this examination is one of the prerequisites for entry for administrative personnel for the City & Guilds of London Institute's scheme for advanced qualifications in Printing. It is also necessary to have passed the Preliminary Technical Knowledge examination to be accepted as a candidate for the following:
(a) Training for Administrative Staff.
(b) Estimating and Costing examination of the British Federation of Master Printers.

Fee £5 per annum.

E/84A. COSTING (PRINTING)
A two-year course designed to prepare students for the examination of the British Federation of Master Printers.

Fee £5 per annum.

E/84B. ESTIMATING (PRINTING)
A two-year course designed to prepare students for the examination of the British Federation of Master Printers.

Fee £5 per annum.

E/85. 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 & Guilds of London Institute.

Fee £5 per annum.

E/86. TYPOGRAPHIC DESIGN AND LAYOUT
Course A—This course shall normally occupy two years and may be taken by means of either day or evening classes. Its aim is to prepare compositor students for the examinations of the Department of Education and the City & Guilds of London Institute. Course B—A two-year course for students of Art and those engaged in publishing houses, design studios, advertising agencies and printing houses. Students will be expected to have at least an elementary knowledge of Typography and are consequently advised to take the Applied Printing course as well.

Fee £5 per annum.

E/89. BASIC DIPLOMA COURSE IN ADVERTISING
The part of the above course of the College of Commerce, Rathmines, dealing with Printing and Reproduction methods, is now being taken in the School of Printing.

E/90. DIPLOMA COURSE IN ADVERTISING
The subjects: Printing and Reproduction Methods, Copywriting, Design and Layout of the above course are now being taken in the School of Printing.
Trade Courses (Day)

Part-time courses, involving one day instruction per week, are in the practical and theory of the trade. These are normally of 4 years duration (3 years in the case of Carpenter and JOINER and Vehicle Building). Woodworking mechanics, an extension of the second year course, enter in the third year of the evening course. The following are the principal:

D/191. Bricklaying.
D/193. Plastering.
D/106. Painting and Decorating.
D/120. Vehicle Building.
D/134. Vehicle Towing.
D/111. Carpentering.
D/112. Joinery.
D/115. Woodworking.
D/122. Woodworking (Additional Work).
D/150. Foundry.
TRADE COURSES (DAY)

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 & 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. Fee £5 per annum except in the case of designated trades where admission is free.

Building Trades

Part-time courses involving one-day instruction per week in the practice and theory of the trade. These are normally of 4 years' duration (5 years in the case of Carpentry and Joinery, and Vehicle Building). Woodcutting machinists, on completion of the second year course, transfer to the third year of the evening course. The following courses are provided:

D/102. Plastering.
D/105. Painting and Decorating.
D/111. Cabinetmaking.
D/112. Upholstery.
D/113. Woodfinishing.
D/121. Carpentry and Joinery.
D/122. Woodcutting Machinists' Work.
D/153. Plumbing.
TRADE COURSES (DAY)

Engineering Trades

D/141. FITTING AND TURNING

This is a four-year block release course for Mechanical Engineering Apprentices. Students are prepared for the Junior and Senior Trade examinations of the Department of Education with associated subjects. Selected students may also take the appropriate Trade Examinations of the City & Guilds (course 193). Students are expected to attend the College full time for a period of 11 weeks according to the following schedule:

Block I—30th September to 13th December inclusive.
Block II—13th January to 28th March inclusive.
Block III—14th April to 27th June inclusive.
Students will normally be informed when to attend the College.

D/142A. AUTOMOBILE ENGINEERING APPRENTICES

A five-year Day and Evening Course requiring attendance for one full day (7 hours) and two evenings (6 hours) per week.

D/142B. AUTOMOBILE ENGINEERING (CRAFT)

A five-year Course requiring attendance for one half-day (3 hours) and at least two evenings (6 hours) per week. By taking extra classes in specified subjects students may prepare themselves for the Motor Engineering Technological Certificate Examinations of the Department of Education.

D/143. GAS-ELECTRIC WELDING

A five-year Course requiring attendance on one day per week. This Course meets the requirements of the Irish Welding Association qualification tests for Welders.

D/149. METAL PLATE WORK

A four-year Course, requiring attendance on one day per week.

D/150. METAL FABRICATION

A four-year course requiring attendance on one day and one evening per week.

D/151. HEATING FITTING

A four-year Course requiring attendance on one day per week.

D/158. MOTOR VEHICLE MECHANICS' WORK

(City & Guilds of London Institute)

A three-year Course requiring attendance on one day (7 hours) and at least 2 evenings (6 hours) per week. Students take the City & Guilds of London Institute Motor Mechanics' Work Examination at the end of the third year.

D/159. MOTOR VEHICLE ELECTRICIANS' WORK

(City & Guilds of London Institute)

A three-year Course requiring attendance on one day (7 hours) and at least 2 evenings per week. The first year of the Course is the same as Course D/168. At the end of the third year, students take the City & Guilds Motor Vehicle Electricians' examination.
TRADE COURSES (DAY)

Printing Trades

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Course Details</th>
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<tbody>
<tr>
<td>D/183</td>
<td>LETTERPRESS MACHINE PRINTING</td>
<td>(Block release course)</td>
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<tr>
<td></td>
<td>Consecutive courses of 13 weeks' duration for first and second year apprentices and courses of 6 weeks' duration for third and fourth year apprentices. During each course the apprentices attending complete a stage of the Department of Education's syllabi for the Junior and Senior Trade Certificate Examinations in Compositors' Work. An examination in each stage is set by the Department of Education at the conclusion of each course.</td>
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<tr>
<td>D/184</td>
<td>PROCESS ENGRAVING</td>
<td>A 4-year part-time course, comprising Junior and Senior stages.</td>
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<tr>
<td>D/188</td>
<td>STEREOTYPING AND ELECTROTYPING</td>
<td>A 4-year part-time course for first, second, third and fourth year apprentices of 41 hours day instruction.</td>
</tr>
<tr>
<td>D/190</td>
<td>COMPOSITORS' WORK</td>
<td>(Block release Course)</td>
</tr>
<tr>
<td></td>
<td>Consecutive courses of 13 weeks' duration for first and second year apprentices and courses of 6 weeks' duration for third and fourth year apprentices. During each course the apprentices attending complete a stage of the Department of Education's syllabi for the Junior and Senior Trade Certificate Examinations in Compositors' Work. An examination in each stage is set by the Department of Education at the conclusion of each course.</td>
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<tr>
<td>D/191</td>
<td>BOOKBINDING</td>
<td>A Block Release 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 Department of Education.</td>
</tr>
<tr>
<td>D/192</td>
<td>LITHOGRAPHY AND PHOTO-LITHOGRAPHY</td>
<td>(Block release Course)</td>
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<tr>
<td></td>
<td>Consecutive courses of 13 weeks' duration for first and second year apprentices and courses of six weeks' duration for third and fourth year apprentices. During each course the apprentices attending complete a stage of the Department of Education's syllabi for the Junior and Senior Trade Certificate Examinations in Compositors' Work. An examination in each stage is set by the Department of Education at the conclusion of each course.</td>
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<tr>
<td>D/195</td>
<td>FILM MAKE-UP AND KEYBOARDING</td>
<td>Courses of 13 weeks' duration for trainees from Industry.</td>
</tr>
</tbody>
</table>

Trade Courses (Evening)

Courses of 13 weeks' duration for trainees from Industry.
TRADE COURSES (EVENING)

Fee £4 10s. 0d. per annum.

Evening Courses for apprentices are provided for all courses listed in the preceding section, and in Plastering, Patternmaking, Foundry Work, Brassfinishing, Boilermaking, Smith and Art Ironwork, Structural Steelwork, Monotype Casting and Monotype Keyboard, Linotype and Intertype Operating and Teletypesetting. Students are prepared for appropriate examinations conducted by the Department of Education and the City & Guilds of London Institute.

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.

Fee £4 per annum.
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) Technician Certificate Examinations in Engineering
      (c) Trade Certificate Examinations in:
          (i) Bricklaying and Masonry.
          (ii) Brass Finishing.
          (iii) Cabinetmaking.
          (iv) Carpentery and Joinery.
          (v) Composers' Work.
          (vi) Letterpress Machine Work.
          (vii) Lithography & Photo Lithography.
          (viii) Bookbinding.
          (ix) Metal Plate Work.
          (x) Motor Car Engineering.
          (xi) Painting and Decorating.
          (xii) Plasterers' Work.
          (xiii) Plumbing.
          (xiv) Fitters' Work.
          (xv) Turners' Work.

2. Professional Institutions
   (i) Building Surveyors' Institute.
   (ii) Council of the Engineering Institutions.
   (iii) Institution of Civil Engineers of Ireland.
   (iv) Institution of Structural Engineers.
   (v) The Institute of Building.
   (vi) Institute of Quantity Surveyors.
   (vii) Royal Institute of Architects of Ireland.
   (viii) Royal Institution of Chartered Surveyors.
   (ix) Town Planning Institute.

3. Other Bodies
   (i) British Federation of Master Printers.
   (ii) City & Guilds of London Institute.
   (iii) Department of Industry and Commerce. (Licence in Aeronautical Engineering).
   (iv) Institute of Clerks of Works in Ireland.
   (v) Institute of the Motor Industry.
   (vi) National Association of Paper Merchants.
   (vii) Associated Examining Board (GCE).

Note

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 this 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.