

1991

## Apprentice: 1991-92

City of Dublin Vocational Education Committee

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'91/92

DUBLIN INSTITUTE OF  
TECHNOLOGY



COLLEGE OF TECHNOLOGY  
BOLTON STREET

apprentice



# APPRENTICE COURSES

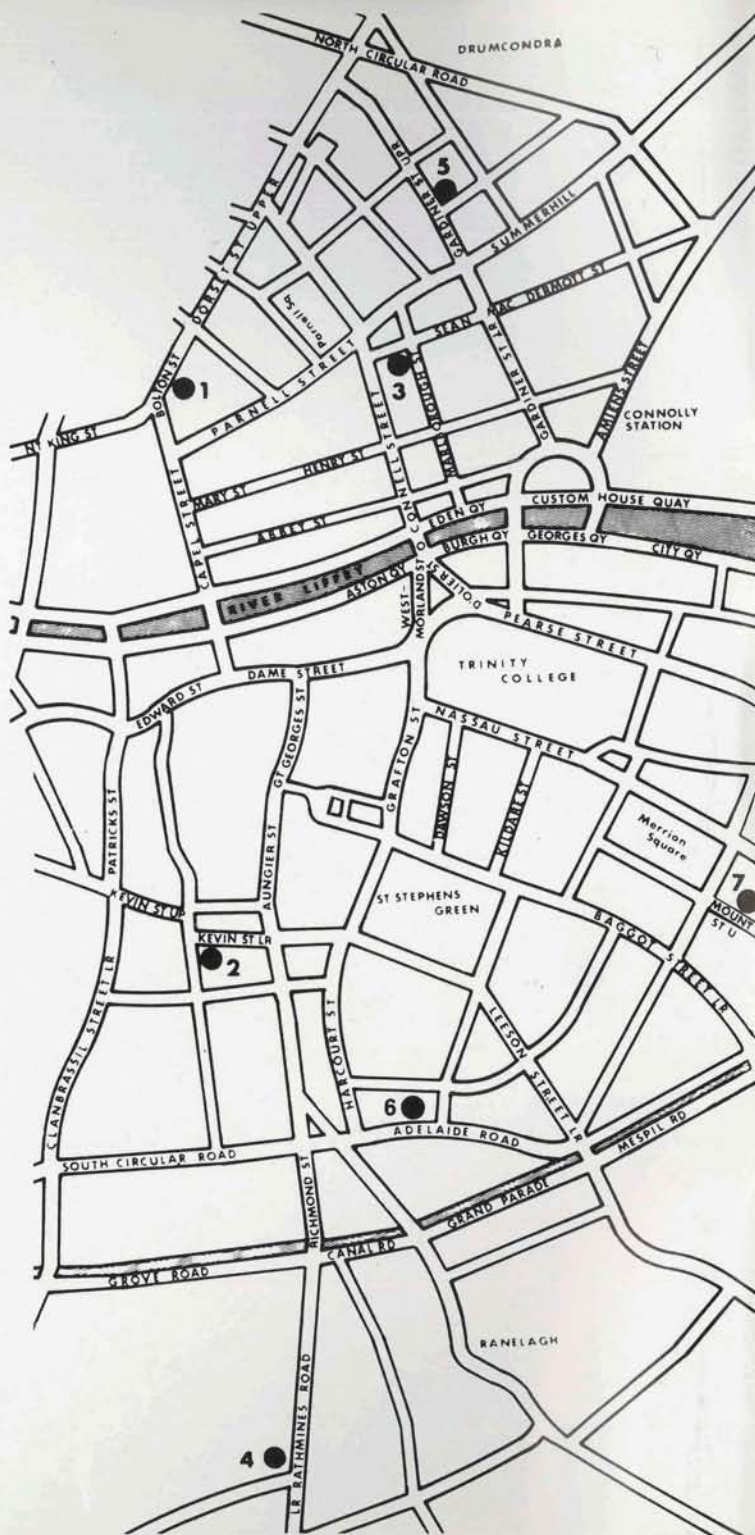
CITY OF DUBLIN  
VOCATIONAL EDUCATION COMMITTEE

DUBLIN INSTITUTE  
OF TECHNOLOGY

COLLEGE OF TECHNOLOGY  
BOLTON STREET

## Location of Colleges shown:

1. College of Technology  
Bolton Street  
Dublin 1  
Telephone 727177
2. College of Technology  
Kevin Street  
Dublin 8  
Telephone 757541
3. Dublin College of Catering  
and Hotel Management  
Cathal Brugha Street  
Dublin 1  
Telephone 747886
4. College of Commerce  
Rathmines  
Dublin 6  
Telephone 970666
5. College of Marketing & Design  
Mountjoy Square  
Dublin 1  
Telephone 363000
6. College of Music  
Chatham Row  
Dublin 2  
Telephone 784564
7. Dublin Institute of Technology  
Admissions Office  
14 Upper Mount Street  
Dublin 2  
Telephone 766584





### Principal of College

MICHAEL O'DONNELL, BE, BComm, MEconSc, Eurlng, CEng, FIEI

### Secretary/Registrar

MICHAEL J. MARNANE, BComm, DPA, MACRA

### CENTRES:

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School of Trades, Yarnhall Street, Dublin 1.

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Tel: 727177

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Tel: 727157

Enquiries should be directed to:  
THE SECRETARY/REGISTRAR.

### CITY OF DUBLIN VOCATIONAL EDUCATION COMMITTEE:

Administrative Offices: Town Hall, Ballsbridge, Dublin 4.

Tel: 680614

Chief Executive Officer: W.J. Arundel, BComm, HDip.

The information in this Prospectus is intended as a guide for persons seeking admission to the College and shall not be deemed to constitute a contract, or the terms thereof, between the College and a student or any third party. The college reserves the right to change or modify any of the courses or information given in the Prospectus without prior notice.

Published in August 1991

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## INFORMATION ABOUT APPRENTICESHIP

### Introduction

The College has had a major involvement and commitment to apprenticeship education and training since it was opened in 1911 and over the years it has played an important role in its development. In the 1990/91 session a total of more than 3300 apprentices were enrolled in the College pursuing one of 20 different trades in the Construction, Engineering or Printing designations.

The following College Departments are involved in the provision of apprenticeship courses:

- Building Trades
- Metal Fabrication and Plumbing
- Engineering Trades
- Transport Engineering
- Printing and Graphic Communication

The overall apprenticeship activities in the different Colleges of Dublin Institute of Technology (DIT) are co-ordinated and monitored by an Apprenticeship Education Board which reports directly to the DIT Governing Body. This Board is chaired by Mr. Matt Farrell, Vice Principal of the College, and the other members include the Heads of Schools and Departments involved in the apprenticeship area in the different DIT Colleges as well as some elected or co-opted teaching staff members.

Amongst the highlights in the calendar of the apprenticeship area each year are the National Apprenticeship Competitions. Normally the College hosts some ten finals annually for different trade specialisations on behalf of the Department of Education and the candidates are likely to include representatives from RTCs and other centres as well as from this College. The overall winner is eligible to receive a silver medal as well as special consideration for selection for the national team which represents Ireland in the international Youth Skills Olympics. These prestigious competitions are normally held every second year in different parts of the world and Irish apprentices have performed very well in them to date showing that the standards of craftsmanship of the skilled young Irish workforce compare favourably with those in the more advanced industrial countries.

### Role of FAS

FAS, the National Training and Employment Authority, has been given special statutory responsibility by the Minister for Labour for monitoring and co-ordinating different aspects of apprenticeship. It operates a number of training centres which provide opportunities for 'off the job' training during the first year of apprenticeship and also makes arrangements with other training centres to provide similar facilities for selected apprentices during their first year. Part of the 'off the job' training programme involves attendance at a College. In the second and subsequent years of apprenticeship FAS monitor the training arrangements in industry and the release to attend colleges for educational and other aspects.

In 1989 FAS undertook a review of the existing apprenticeship arrangements and published a discussion document following extensive consultation with the different interests. This proposed a standards based apprenticeship system



culminating in the National Craft Certificate for those who pass the stipulated tests and envisaged that in future full craft status would only be afforded to those holding this Certificate.

### How to become an Apprentice

Those interested in becoming an apprentice should first check that they have the stipulated basic minimum educational qualifications at Group or Intermediate Certificate levels. They should then seek out a suitable employer having a vacancy for an apprentice in the trade chosen. While the responsibility for securing an apprenticeship rests with the individual or with his/her parents FAS may be able to assist and those interested should register at the nearest FAS office where further useful information may also be available.

### College Courses for Apprentices

College courses for Apprentices are conducted on a Day-release or Block-release basis during which the apprentices are released from their employment on full pay. The courses are designed to cover the requirements of the Junior and Senior Trade Certificate examinations of the Department of Education and corresponding examinations of the City & Guilds of London Institute. The subjects covered on these courses include the relevant trade theory and practice, together with Science, Mathematics, Communications and Social Studies.

For those engaged in the Engineering or Construction industry, the preparation for the Junior Trade Certificate examination may be pursued in two ways:

- (i) Apprentices undergoing 'off-job' training in an approved training centre during the first year of their apprenticeship, are released to attend Day-release or Block-release courses in the College during that period. The skill training course and the terminal test conducted by the Training Centre meets the requirements for the practical element of the Junior Trade Certificate examination and the College course prepares the students to take the remaining subjects of the examination.
- (ii) Those apprentices who do not pursue 'off-job' training in a training centre are normally released from their employment to attend Day-release or Block release courses conducted by a College over a two-year period to prepare them for all elements of the Junior Trade Certificate examination.

Both categories of apprentices pursue a further two-year Day release or Block-release course of preparation for all elements of the Senior Trade Certificate examination of the Department of Education. The Senior course is conducted entirely at the College and the apprentices are released from their employment to enable them to attend.

For those apprentices employed in the Printing industry the College provides courses of education and training on a Block-release basis during their first three years of apprenticeship. The first year course of 23 weeks duration commences in January each year and the second and third year courses, each of 8 weeks duration, are conducted between September and December each year. Printing students sit for the Junior Trade Certificate examination at the end of the first year course and the Senior Trade Certificate examination at the end of the third year course.

Special evening courses may be conducted to assist those who wish to re-sit elements of the Senior examination in which they were unsuccessful.

### Ladders to Higher Levels for Apprentices

Post-apprenticeship courses are provided by the college where a demand for these courses exists and thus opportunities are made available for students who are successful in the Senior Trade Certificate Examination to proceed to higher level studies. These include a number of craft-based technician courses which are specially designed for those with craft backgrounds. Details of these courses are provided in the College Prospectus or are available on request.

Students holding the Senior Trade Certificate of the Department of Education with one endorsement in mathematics or a science subject satisfy the minimum entrance requirements for courses in the DIT Colleges which specify a pass in five subjects in the Leaving Certificate Examination as the entrance requirement.

Students holding this Certificate with three endorsements in academic subjects are eligible for consideration for entry into related professional degree level courses provided that they also meet any special entry requirements (e.g. Higher Level Mathematics for Engineering courses). Where endorsement subjects are not offered in the trade examinations, a pass in an appropriate subject of the Elementary Technological Certificate Examinations of the Department of Education or an equivalent qualification may be acceptable.

### Admission Requirements

Trade courses are provided for the sole purpose of supplementing the practical trade training of persons actually employed at and engaged in the various



President Robinson visits the College for the National Apprentice Competition.



operations of the trade. The college realises that it is impossible for a person to learn a trade solely by attendance at these courses and is further of the opinion that the admission of persons not actually engaged in the trades would be not only of little benefit to them but might prejudicially affect the instruction of those for whom the courses have been organised.

Accordingly the College reserves the right to restrict enrolment in the trade practical courses to those persons who are actually employed in the several processes and operations of the trade. For admission to these courses proof of actual employment in the trade may be required as well as certificates to that effect from the employer, the official Trade Union for the trade concerned or FAS. Employers are kept informed during the session of absences or lates on the part of their apprentices. In addition, an end of session report on attendance and progress is issued to the students and employers. Apprentices and employers are asked to note particularly that details of the employment and the attendance of all apprentices enrolled in release courses will be made available to FAS — the National Training and Employment Authority — whether or not the apprentices are registered with that body.

#### **National Craft Certificate (NCC)**

The National Craft Certificate is awarded jointly by the Department of Education and FAS. It attests to the successful completion of the apprenticeship programme and may be a required qualification for Irish craftspersons who wish to find work at home or in other countries. It is also likely to become a compulsory requirement in the future for recognition as a craftsperson in Ireland.

#### **Requirements for the Award of NCC**

To qualify for the award of a National Craft Certificate applicants must provide proof that they have:

- (a) been registered with FAS (formerly AnCO).
- (b) served the full period of apprenticeship
- (c) completed the first year 'off-the-job' training course (may be waived in certain circumstances)
- (d) attended the full educational release programme
- (e) achieved a pass grade in the following:
  - (i) First year assessment programme and terminal test (may be waived in certain circumstances)
  - (ii) Department of Education Junior Trade Written Examination.
  - (iii) Department of Education Senior Trade Certificate.

#### **Application Procedure for NCC**

Application forms and all necessary information can be obtained from:

Apprenticeship Services  
N.C.C. Administration Section  
FAS — The Training and Employment Authority  
P.O. Box 456, 27-33 Upper Baggot St., Dublin 4.  
Telephone:(01)-685777

## **CALENDAR FOR APPRENTICE COURSES 1991-92**

### **Engineering Block Release**

Block 1

Monday, 30th September, 1991-Friday, 13th December, 1991

Block 2

Tuesday, 7th January, 1992-Friday, 20th March, 1992

Block 3

Monday, 23rd March, 1992-Friday, 10th April, 1992

and

Monday, 27th April, 1992-Friday, 19th June, 1992

### **Printing Block Release**

Block 1

Tuesday, 3rd September, 1991-Friday, 25th October, 1991

Block 2

Wednesday, 30th October, 1991-Friday, 20th December, 1991

Block 3

Tuesday, 7th January, 1992-Friday, 19th June, 1992

### **Engineering and Construction Day Release**

Monday, 9th September, 1991-Friday, 13th December, 1991.

Tuesday, 7th January, 1992-Friday, 10th April, 1992

Monday, 27th April, 1992-Friday, 12th June, 1992.

### **Members of CDVEC Apprentice Education Board**

Mr. M.P. Farrell CEng MIEE MIEI (Chairman)

Mr. J. Bernie IEng. MIMechE

Mr. J. Erraught MCFA LCG MIHCl

Mr. R. Eustace BSc (MechE)

Mr. P. Kelly FTC HTC

Mr. B. Kennedy BA FTC (C&G) MIOP LCG

Mr. D. O'Brien NB Dip FTC (CGLI)

Mr. T. O'Connor BA

Mr. J. O'Donnell BA HDipEd IEng(EC) MIESECIE

Mr. P. O'Neill

Mr. D. Tuite IEng MIMI MIRTE SIMI

Mr. A. Whelan



## BUILDING TRADES COURSES

### D101A

#### **BRICKWORK: Day Release**

This course requires attendance on one day and one night a week for the First and Second Year and one day per week thereafter. The course is designed to prepare students to take Junior and Senior Trade Certificate Examinations (Practical and Written) of the Department of Education and the City & Guilds of London Institute Craft Certificate Examinations.

#### **Entrance Requirements**

Apprenticeship to the trade.

### D101B

#### **BRICKWORK: Off-the-job**

This course meets the requirements of apprentices who are attending full-time for one year at a FÁS Training Centre. Students attend the College on one day and one evening per week during this one year course. The course is designed to prepare students to take the Junior Trade Certificate Examination of the Department of Education.

#### **Entrance Requirements**

Enrolment as an apprentice in an approved Training Centre.

### D102A

#### **PLASTERWORK: Day Release**

This course requires attendance on one day and one evening per week for the First and Second Year and one day only per week thereafter. The course is designed to prepare students to take the Junior and Senior Trade Certificate Examinations (Practical and Written) of the Department of Education and the City & Guilds of London Institute Craft Certificate Examinations.

#### **Entrance Requirements**

Apprenticeship to the trade.

### D102B

#### **PLASTERWORK: Off-the-job**

This course meets the requirements of apprentices who are attending full-time for one year at a FÁS Training Centre. Students attend the College on one day and one evening per week during this one year course. The course is designed to prepare students to take the Junior Trade Certificate Examination of the Department of Education.

#### **Entrance Requirements**

Enrolment as an apprentice in an approved Training Centre.

### D105A

#### **PAINTING AND DECORATING: Day Release**

This course requires attendance on one day and one evening per week for the first and second year and one day per week thereafter. The course is designed to prepare students to take the Junior and Senior Trade Certificate examinations (Practical and Written) of the Department of Education and the City & Guilds of London Institute Craft Certificate Examinations.

#### **Entrance Requirements**

Apprenticeship to the trade.

### D105B

#### **PAINTING AND DECORATING: Off-the-job**

This course meets the requirements of apprentices who are attending full-time for one year at a FÁS Training Centre. Students attend the College on one day and one evening per week during this one year course. The course is designed to prepare students to take the Junior Trade Certificate Examination of the Department of Education.

#### **Entrance Requirements**

Enrolment as an apprentice in an approved Training Centre.

*Painting and  
Decorating*





**D111A****CABINETMAKING/CHAIRMAKING: Day Release**

This course requires attendance on one day and one evening per week for the First and Second Year and one day per week thereafter. The course is designed to prepare students to take the Junior and Senior Trade Certificate Examinations (Practical and Written) of the Department of Education.

**Entrance Requirements**

Apprenticeship to the trade.

**D111B****CABINETMAKING/CHAIRMAKING: Off-the-job**

This course meets the requirements of the apprentices who are attending full-time for one year at a FAS Training Centre. Students attend the College on one day and one evening per week during this one year course. The course is designed to prepare students to take the Junior Trade Certificate Examination of the Department of Education.

**Entrance Requirements**

Enrolment as an apprentice in an approved Training Centre.

**D121A****CARPENTRY AND JOINERY: Day Release**

This course requires attendance on one day per week for four years. The course is designed to prepare students to take the Junior and Senior Trade Certificate Examinations (Practical and Written) of the Department of Education with endorsements and the City & Guilds of London Institute. The Junior examination is taken after two years and the Senior examination after four years. Students who complete the course satisfactorily can proceed to more advanced courses leading to City & Guilds of London Institute Examinations.

**Entrance Requirements**

Apprenticeship to the trade.

**D121B****CARPENTRY AND JOINERY: Off-the job**

This course is designed to meet the requirements of apprentices who are attending a Training Centre on a full-time basis during their first year. They are released to attend the College on one day per week during this period and the course prepares them to take the Junior Trade Certificate Examination of the Department of Education.

**Entrance Requirements**

Enrolment as a Carpentry and Joinery apprentice in an approved Training Centre.

**D122A****WOODCUTTING MACHINIST: Day Release**

This course requires attendance on one day per week for four years. The course is designed to prepare students to take the Junior and Senior Trade Certificate Examinations (Practical and Written) of the Department of Education with endorsements and the City & Guilds of London Institute. The Junior examination is taken after two years and the Senior examination after four years. Students who complete the course satisfactorily can proceed to more advanced courses leading to City & Guilds of London Institute Examinations.

**Entrance Requirements**

Apprenticeship to the Trade.

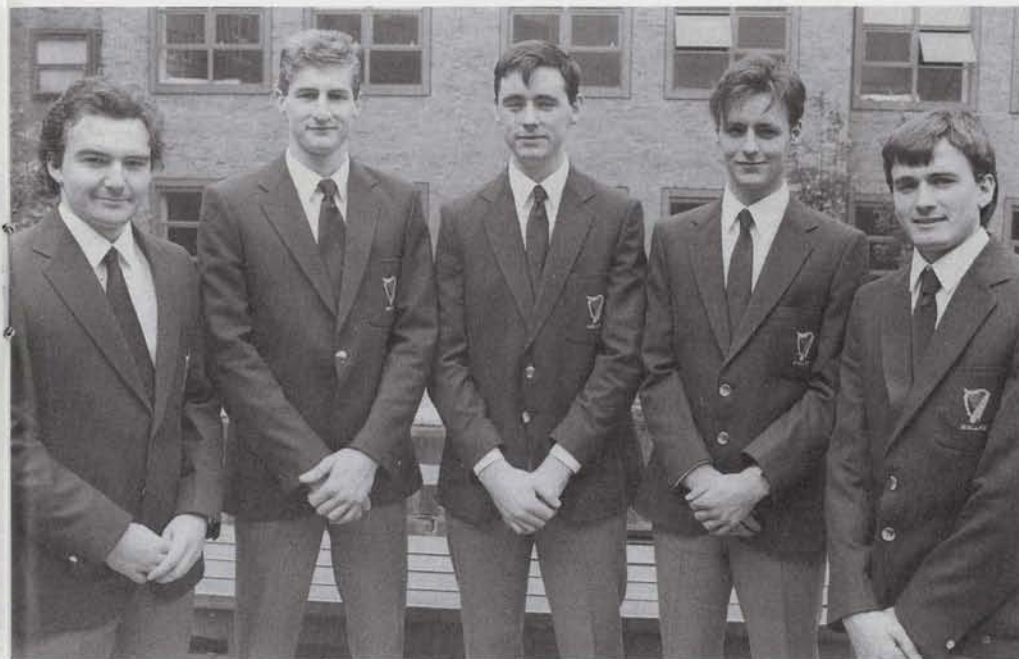
**D122B****WOODCUTTING MACHINIST: Off-the-job**

This course is designed to meet the requirements of apprentices who are attending a Training Centre on a full-time basis during their first year. They are released to attend the College on one day per week during this period and the course prepares them to take the Junior Trade Certificate Examination of the Department of Education.

**Entrance Requirements**

Enrolment as a Woodcutting Machinist apprentice in an approved Training Centre.

*Apprentice students of the College who represented Ireland at the International Youth Skills Olympics held in Amsterdam in June 1991*





## METAL FABRICATION AND PLUMBING TRADES COURSES

D123

### **WELDING: Day Release**

This course requires attendance on one day and one evening per week over four years. The course is designed to prepare students to take the Junior and Senior Trade Certificate Examination after two years and the Senior Stage examination after four years. Students who complete the course satisfactorily may proceed to the craft-based Technician Course in Metal Fabrication and Welding.

#### **Entrance Requirements**

Employment as a welding apprentice.

D125

### **FOUNDRY MOULDER/COREMAKER: Block Release**

This course is conducted at intervals to meet the needs of the Foundry Industry. Students are nominated by their employers or are sponsored by FÁS. The course is based on the syllabus for foundry craft studies of the City & Guilds of London Institute and normally entails attending four Block Release courses, each of 11 weeks duration spread over a 4 year cycle.

The course involves both practical and theoretical training in Safe Working Practice, Materials, Methods, Equipment and Related Studies.

In cases where students are employed in foundries outside the Dublin area, a one year off-the-job course may be provided entailing full-time attendance for one year and Block Release attendance for a further two years.

#### **Entrance Requirements**

Employed as an apprentice in the Foundry Industry.

D129

### **SHEET METALWORK: Day Release**

This course requires attendance on one day and one evening per week over four years. The course is designed to allow students to take the Junior and Senior Trade Certificate Examinations (Practical and Written) of the Department of Education with endorsements and the City & Guilds of London Institute. Generally, students take the Junior Stage Examination after two years and the Senior Stage Examination after four years. Students completing the course in a satisfactory manner can proceed to the craft-based Technician Certificate Course in Metal Fabrication and Welding.

#### **Entrance Requirements**

Employment as a Sheet Metalwork apprentice.

D130A

### **METAL FABRICATION: Day Release**

This course requires attendance on one day and one evening per week over four years. The course is designed to allow students to take the Junior and Senior Trade Certificate Examinations (Practical and Written) of the Department of Education with endorsements and the City & Guilds of London Institute. Generally, students take the Junior Stage Examination after two years and the Senior Stage Examination after four years. Students completing the course in a satisfactory manner can proceed to the craft-based Technician Certificate Course in Metal Fabrication and Welding.

#### **Entrance Requirements**

Employment as a Metal Fabrication apprentice.

D130B

### **METAL FABRICATION: Off-the-job**

This course meets the requirements of first year apprentices undergoing off-the-job training in a training centre. The apprentices attend the College on 1½ days each week for classes in Trade Technology, Mathematics, Science, Drawing and General Studies. On completion of the course, students are expected to sit the Junior Trade Certificate Examination (Written and Practical) of the Department of Education with endorsements.

#### **Entrance Requirements**

Enrolment as an apprentice to an approved Training Centre.

*Mr. Sam Nolan of UCATT presenting his Union's prize at the Annual Prizegiving in the School of Construction Trades.*





**D131A****PLUMBING: Day Release**

This course requires attendance on one day per week over four years. The course is designed to allow students to take the Junior and Senior Trade Certificate Examinations (Practical and Written) of the Department of Education with endorsements. The Junior Examination is taken after two years and the Senior Examination after four years. Students who complete the course satisfactorily can proceed to more advanced courses leading to the craft-based Technician Certificate Course in Plumbing.

**Entrance Requirements**

Employment as a Plumbing Apprentice.

**D131B****PLUMBING: Off-the-job**

This course meets the requirement of first year apprentices undergoing off-the-job training in a Training Centre. The apprentices attend the College on one day per week for classes in Trade Technology, Mathematics, Science, Drawing and General Studies. On completion of the course, students are expected to sit the Junior Trade Certificate Examination (Written and Practical) of the Department of Education with endorsements.

**Entrance Requirements**

Enrolment as an apprentice to an approved Training Centre.

**ENGINEERING TRADES COURSES****D140A****FITTING, TURNING & MAINTENANCE SYSTEMS: Day Release****Objective**

Department of Education Junior & Senior Trade Certificates with endorsements and City & Guilds Certificate in Engineering Systems Maintenance competences.

**Duration of Course**

Four years of day release (1 day and 1 evening per week).

**Subjects**

Workshop Practice, Workshop Technology, Mathematics and Craft Calculations, Technical Drawing, Engineering Science and General Studies.

**Entrance Qualifications**

Apprenticeship to the Trade.

NOTE: The City & Guilds Certificate in Engineering Systems Maintenance Competences classes are available in the evenings.

**D140B****FITTING/TURNING & MAINTENANCE SYSTEMS: Off-the-job**

This course is designed for Fitter/Turner and Maintenance Fitter Apprentices attending off-the-job courses in Training Centres.

**Objective**

Department of Education Junior Trade Certificate with endorsements, and City & Guilds Certificates in Engineering Systems Maintenance Competences.

**Duration of Course**

One year release (1½ days and 1 or 2 evenings each week, or one week in three over the session). Release in years 2 & 3 from industry is on a Day or Block Release basis.

**Subjects**

Workshop Practice, Maintenance Practices and Technology, Hydraulics and/or Pneumatics, Electrical Systems, Power Transmission Systems, Technical Drawing, Maths & Craft Calculations, Engineering Science, Computing and C.N.C. and General Studies (Maintenance Modules, subject to change).

**Entrance Qualifications**

Enrolment as an apprentice in an approved Training Centre.



**D141****FITTING/TURNING AND MAINTENANCE SYSTEMS: Block Release**

This Course is designed for Fitters/Turners and General Maintenance Fitters.

**Objective**

Department of Education Junior and Senior Trade Certificates in Fitting and Turning with endorsement and City & Guilds Certificate in Engineering Systems Maintenance Competences.

**Duration of Course**

Four years of Block Release (11 weeks each year).

**Subjects**

Workshop Practice, Maintenance Practice & Technology, Hydraulics and/or Pneumatics, Electrical Systems, Power Transmission Systems, Technical Drawing, Maths & Craft Calculations, Engineering Science, Computing and CNC and General Studies (Maintenance Modules, subject to change).

**Entrance Qualifications**

Apprenticeship to the Trade.

**D142****TOOLMAKING**

This course caters for Toolmaking apprentices.

**Objective**

Department of Education Junior and Senior Trade Certificates with endorsements, and modules of City and Guilds Computer-Aided Engineering Course.

**Duration of Course**

First year release from Training Centres for Department of Education Junior Stage Examinations with endorsements and City & Guilds Computer-Aided Engineering Stage I — followed by two years of day release from industry (1 day and 1 or 2 evenings each week) for Department of Education Senior Stage Examinations with endorsements, and City & Guilds Computer-Aided Engineering Stage II with an option for Stage III.

**Subjects**

Workshop Practice, Workshop Technology, Mathematics & Craft Calculations, Technical Drawing, General Studies, Engineering Science and Computer Aided Engineering.

**Entrance Qualifications**

Apprenticeship to the Trade.

**TRANSPORT ENGINEERING TRADES COURSES****D154****AIRCRAFT ENGINEERING APPRENTICES COURSE: Sandwich**

This two year sandwich course aims to train apprentices already employed in the Aeronautical Engineering Industry as Aircraft technicians capable of achieving the ICAO Maintenance Engineers' Licence issued by the Department of Tourism & Transport. Students attend the College on a full-time basis from September to June and spend the remainder of the year working in the Aircraft industry.

**Entrance Requirements**

- Department of Education Intermediate or Day Group Certificate in suitable subjects; and
- Employment as an apprentice in an Aeronautical Engineering environment.

**Course of Study**

Aeronautical Engineering, Mathematics, Computer Studies, Mechanics, Engineering Drawing, Heat Engines, Workshop Technology, Workshop Practice, French, Social and General Studies, Physical Education.

*Mr. Garreth O'Donnell after receiving two City and Guilds first place medals in the Mechanical Technicians course with Mr. Jim Strain of City and Guilds and Mr Alan Kelly of Fry Cadbury's (his employers). Mr. O'Donnell is now pursuing the degree course in Mechanical Engineering*





### Examinations and Other Requirements

Students are required to pass Examinations as follows:

- (a) At the end of the year — the Department of Education Junior Trade Certificates and Elementary Technological Examinations in Mechanical Engineering; and City and Guilds of London Institute Aeronautical Engineering Competence Part I Certificate.
- (b) At the end of the second year — The Department of Education Senior Trades, and City and Guilds of London Institute Aeronautical Engineering Occupational Competences Part II Certificate and Aeronautical Engineering Technician's Certificate Part I.

### Department in Charge

Transport Engineering.

D155

### GENERAL AIRCRAFT ENGINEERING APPRENTICES COURSE — DAY OR BLOCK RELEASE

#### Objective

This is a block or equivalent day release course to prepare Aircraft apprentices for the Department of Tourism & Transport Aeronautical Engineering Certificates, Parts 1, 2, 3 and 4, City & Guilds Aeronautical Craft Studies Certificate or appropriate Trade Certificate of the Department of Education.

#### Duration of Course

Block release or equivalent day release over 3 years.

#### Department in Charge

Transport Engineering.

D164A

### HEAVY VEHICLE MECHANICS: Off-the-job

#### Objective:

Department of Education Junior Trade Certificate including endorsement subjects and the City & Guilds of London Institute Craft Certificate 381 Part I.

#### Duration of Course

One year of 36 weeks.

#### Attendance

One week (35 hours) in every three weeks for first year.

#### Subjects

Heavy Vehicle Technology, Mathematics, Electricity, Electronics, Engineering Science, Technical Drawing, General Studies.

#### Entrance Qualifications

Enrolment as an apprentice in an approved Training Centre.

D164B

### HEAVY VEHICLE MECHANICS: Block Release

#### Objective

Department of Education Junior and Senior Trade Certificates plus endorsement subjects.

#### Duration of Course

Block release for 11 weeks each year (32½ hours per week) over four years.

#### Subjects

Heavy Vehicle Technology, Heavy Vehicle Electricity, Electronics, Engineering Science, Mathematics, Technical Drawing, Garage and Workshop Practice, General Studies.

#### Entrance Qualifications

Apprenticeship to the Trade.

D164C

### HEAVY VEHICLE MECHANIC: Day Release

#### Objective

Department of Education Junior and Senior Trade Certificates with endorsement subjects and the City & Guilds of London Craft Certificate 381 Part 1.

#### Duration of Course

Four years of 38 weeks each year.

#### Attendance

One day (7 hours) and two evenings (6 hours) each week.

#### Subjects

Heavy Vehicle Technology, Heavy Vehicle Electricity, Electronics, Engineering Science, Mathematics, Technical Drawing, Garage and Workshop Practice, General Studies.

#### Entrance Qualifications

Apprenticeship to Trade.

D165

### MOTOR CYCLE MECHANICS

#### Objective

The City & Guilds of London Institute Craft Certificate 389.

#### Duration of Course

Two years of 38 weeks each year.

#### Attendance

One day (7 hours) and two evenings (6 hours) each week.

#### Subjects

Motor Cycle Technology, Electricity, Electronics, Engineering Science, Mathematics, Technical Drawing, Workshop Practice, General Studies.

#### Entrance Qualifications

Day Vocational Group Certificate or Intermediate Certificate.



**D167A****LIGHT VEHICLE MECHANICS: Off-the-job****Objective**

Department of Education Junior Trade Certificate with endorsement subjects.

**Duration of Course**

One year over 36 weeks.

**Attendance**

One week (35 hours) every 3 weeks for first year. One day (7 hours) and two evenings (6 hours) each successive year.

**Subjects**

Motor Vehicle Technology, Motor Vehicle Electricity/Electronics, Engineering Science, Mathematics, Technical Drawing, General Studies.

**Entrance Qualifications**

Enrolment as an apprentice in an approved Training Centre

**D167B****LIGHT VEHICLE MECHANICS: Block Release****Objective**

Department of Education Junior and Senior Trade Certificates plus endorsement subjects.

**Duration of Course**

Block Release for 11 weeks during each year of apprenticeship with attendance at College for 35 hours each week.

**Subjects**

Garage Practice, Motor Workshop Practice, Motor Vehicle Theory, Motor Vehicle Science and Electricity/Electronics, Mathematics and Craft Calculations, Technical Drawing, General Studies.

**Entrance Qualifications**

Apprenticeship to the Trade.

**D167C****LIGHT VEHICLE MECHANICS: Day Release****Objective**

Department of Education Junior and Senior Trade Certificates plus endorsement subjects and the City and Guilds of London Craft Certificate.

**Duration of Course**

4 years of 38 weeks each year.

**Attendance**

1 day (7 hours) and 2 evenings (6 hours) each week.

**Subjects**

Motor Vehicle Technology, Motor Vehicle Electricity/Electronics, Engineering Science, Mathematics, Technical Drawing, Workshop Practice, Garage Practice, General Studies.

**Entrance Qualifications**

Apprenticeship to the Trade.

**D167D****LIGHT VEHICLE MECHANICS: Off-the job (One and a half Day Release)****Objective**

Department of Education Junior Trade Certificate with endorsement subjects:

**Duration of Course**

One year over 38 weeks.

**Attendance**

One and a Half Days (10 hours) and one Evening (3 hours) each week.

**Subjects**

Motor Vehicle Technology, Motor Vehicle Electricity/Electronics, Engineering Science, Mathematics, Technical Drawing, General Studies.

**Entrance Qualifications**

Enrolment as an apprentice in an approved Training Centre.

Programming a  
computer controlled  
milling machine.





D167E

### **LIGHT VEHICLE MECHANICS: Two Day Release**

#### **Objective**

Department of Education Senior Trade Certificate with endorsement subjects.

#### **Duration of Course**

Two years of 38 weeks.

#### **Attendance**

Two days (14 hours) each week.

#### **Subjects**

Motor Vehicle Technology, Motor Vehicle Electricity/Electronics, Engineering Science, Mathematics, Technical Drawing, Workshop Practice, Garage Practice, General Studies.

#### **Entrance Qualifications**

Department of Education Junior Trade Certificate.

D168A

### **CONSTRUCTION PLANT FITTERS COURSE: Off-the-job**

#### **Objective**

The City & Guilds of London Institute 620, Part I.

#### **Duration of Course**

One year over 36 weeks.

#### **Attendance**

One week (35 hours) every 3 weeks.

#### **Subjects**

Plant Technology, Plant Vehicle Electricity/Electronics, Engineering Science, Mathematics, Technical Drawing, General Studies.

#### **Entrance Qualifications**

Enrolment as an apprentice in an approved Training Centre.

D168B

### **CONSTRUCTION PLANT FITTERS: Block Release**

#### **Objective**

The City and Guilds of London Institute 620, Parts I and II.

#### **Duration of Course**

Block Release Course of 11 weeks during each year of apprenticeship with attendance at College for 35 hours each week.

#### **Subjects**

Plant Technology, Plant Vehicle Electricity, Engineering Science, Mathematics, Technical Drawing, Garage and Workshop Practice, General Studies.

#### **Entrance Qualifications**

Apprenticeship to the Trade.

D168C

### **CONSTRUCTION PLANT FITTERS COURSE: Day Release**

#### **Objective**

The City and Guilds of London Institute 620, Parts I and II.

#### **Duration of Course**

4 years of 38 weeks each year

#### **Attendance**

1 day (7 hours) and 2 evenings (6 hours) each week.

#### **Subjects**

Plant Technology, Plant Vehicle Electricity/Electronics, Engineering Science, Mathematics, Technical Drawing, Garage and Workshop Practice, General Studies.

#### **Entrance Qualifications**

Apprenticeship to the Trade.

*The Minister for Labour  
Bertie Ahern, TD,  
formally opens the new  
Charles Warren  
Transport Engineering  
Test Laboratory in the  
College.*





D170

### **MOTOR VEHICLE PARTS PERSONNEL**

#### **Objective**

The City & Guilds of London Institute Vehicle Parts Personnel Certificate (384), Part I.

#### **Duration of Course**

2 years part-time day and evening course (9 hours per week).

#### **Subjects**

Parts Merchandising, Commercial Practice and Office Procedures, Stores Administration, Motor Vehicle Knowledge, General Studies including English and Computer Studies.

#### **Entrance Qualifications**

Apprenticeship to the Trade.

D171A

### **LIGHT VEHICLE BODY REPAIR: Off-the-job**

#### **Objective**

The City & Guilds of London Institute 385 Certificate.

#### **Duration of Course**

Six months part-time day (7 hours) and two evenings (6 hours) each week.

#### **Subjects**

Motor Vehicle Knowledge, Motor Vehicle Body Repair, Engineering Science, Mathematics, Technical Drawing, Welding, Workshop and Laboratory Practice.

#### **Entrance Qualifications**

Enrolment as an apprentice in an approved Training Centre.

D171B

### **LIGHT VEHICLE BODY REPAIR: Block Release**

#### **Objective**

The City & Guilds of London Institute 385 Certificate Parts I and II

#### **Duration of Course**

Block release for 11 weeks during each year of apprenticeship.

#### **Subjects**

Motor Vehicle Knowledge, Motor Vehicle Repair, Engineering Science, Mathematics, Technical Drawing, Welding, Workshop and Laboratory Practice, General Studies.

#### **Entrance Qualifications**

Apprenticeship to the Trade.

D171C

### **LIGHT VEHICLE BODY REPAIR: Day Release**

#### **Objective**

The City & Guilds of London Institute 385, Parts I and II Certificates.

#### **Duration of Course**

4 years part-time day and evening course, 1 day (7 hours) and 2 evenings (6 hours) each week, 38 weeks each year.

#### **Subjects**

Motor Vehicle Knowledge, Motor Vehicle Body Repair, Engineering Science, Mathematics, Technical Drawing, Welding, Workshop and Laboratory Practice.

#### **Entrance Qualifications**

Apprentice to the Trade.

D176

### **AUTOMOBILE ENGINEERING**

#### **Objective**

Department of Education Junior & Senior Trade Certificates with endorsements.

#### **Duration of Course**

Four years of day release (1 day and 1 evening per week).

#### **Subjects**

Workshop Practice, Workshop Technology, Mathematics and Craft Calculations, Technical Drawing, Engineering Science and General Studies.

#### **Entrance Qualifications**

Apprenticeship to the Trade.



## PRINTING TRADES COURSES

### D190 COMPOSITORS' WORK: Block Release

**First year attendance:** twenty three weeks.

**Second year attendance:** eight weeks.

**Third year attendance:** eight weeks.

Students are prepared for the Trade Certificate Examinations of the Department of Education in Compositors Work.

#### Entrance Requirements

Apprenticeship to the Trade.

### D191 BOOKBINDING: Block Release

**First year attendance:** twenty three weeks.

**Second year attendance:** eight weeks.

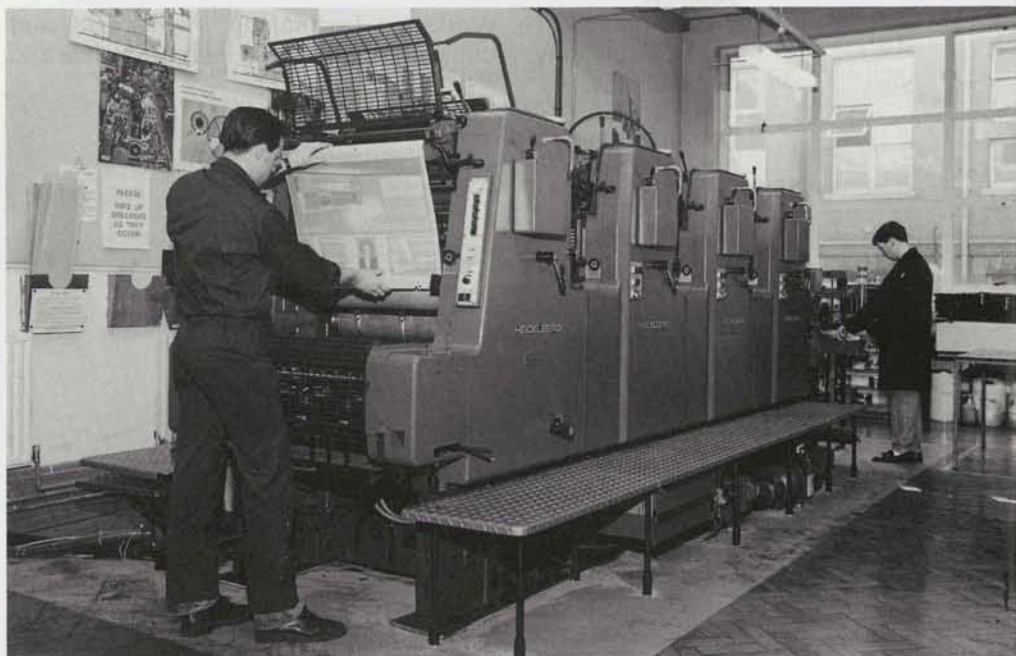
**Third year attendance:** eight weeks.

Students are prepared for the Trade Certificate Examinations of the Department of Education in Bookbinding.

#### Entrance Requirements

Apprenticeship to the Trade.

*Printing apprentices at work on a printing machine in the College.*



### D192

### LITHOGRAPHY: Block Release

**First year attendance:** twenty three weeks.

**Second year attendance:** eight weeks.

**Third year attendance:** eight weeks.

Students are prepared for the Trade Certificate Examinations of the Department of Education in Lithography.

#### Entrance Requirements

Apprenticeship to the Trade.

### D193

### GRAPHIC REPRODUCTION: Block Release

**First year attendance:** twenty three weeks

**Second year attendance:** eight weeks

**Third year attendance:** eight weeks

Students are prepared for appropriate examinations.

#### Entrance Requirements

Apprenticeship to the Trade.



## STUDENT DISCIPLINE

1. Students are expected to participate in College activities in a manner conducive to establishing a sound educational atmosphere.
2. All students are required to observe the published regulations laid down by the College.
3. Any student disrupting or causing disruption of any College activity may be suspended from the College.
4. Students must at all times obey the lawful instructions of lecturers and other members of the college staff who are responsible for the maintenance of good order.
5. Misconduct in any of the Colleges comprising the Institute may lead to suspension by the College Principal of the student or students concerned.
6. Students are liable for the cost of repair or replacement of Institute or College property maliciously or negligently damaged by them.
7. Students are not allowed to smoke in the College except in areas designated for smoking.
8. Students are required to carry their Identity Card with them while in College or wherever they may be required to identify themselves as students of the College.
9. The Vocational Educational Committee reserves the right to expel from the College at any time any student whose conduct is in serious breach of the regulations.
10. Students are forbidden to park cars/bicycles/motor cycles except in such places as they are authorised to do so from time to time.



## FOR FURTHER INFORMATION

Enquirers seeking further information about Day or Block Release apprenticeship and other craft-related courses provided by the college should contact Departments as follows:—

Department of Building Trades 'A'	— Courses D101 – D111 inclusive.
Department of Building Trades 'B'	— Courses D121 – D122 inclusive.
Department of Metal Fabrication & Plumbing	— Courses D123 – D132 inclusive.
Department of Engineering Trades	— Courses D140 – D142 inclusive.
Department of Transport Engineering	— Courses D154 – D176 inclusive.
Department of Printing and Graphic Communication	— Courses D190 – D193 inclusive.

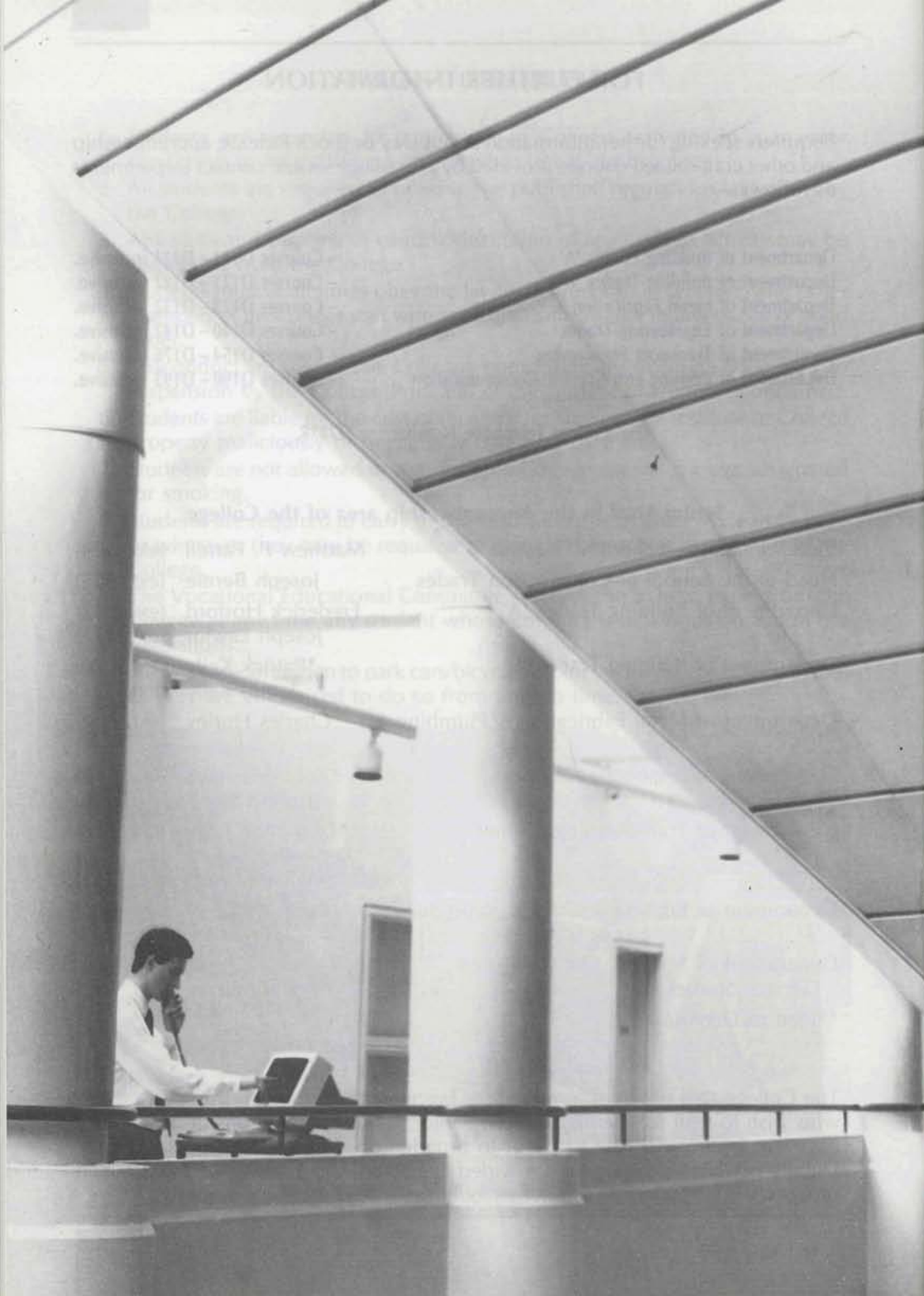
College Telephone Number 727177

### Senior Staff in the Apprenticeship area of the College

Vice Principal — School of Trades	Matthew P. Farrell (ext. 504)
Head of the School of Construction Trades	Joseph Bernie (ext. 505)
Department of Building Trades 'A'	Frederick Hosford (ext. 512)
	Joseph Lawlor (ext. 511)
Department of Building Trades 'B'	*Patrick Kelly (ext. 520)
	James Kelly (ext. 521)
Department of Metal Fabrication & Plumbing	Charles Hurley (ext. 542)
	Seamus Murrin (ext. 531)
Department of Engineering Trades	*Robert Eustace (ext. 202)
	Joseph Shiels (ext. 204)
Department of Transport Engineering	*Dominick Tuite (ext. 120)
	Kenneth Bracken (ext. 118)
	William Brazil (ext. 552)
Department of Printing & Graphic Reproduction	*Brian Kennedy (ext. 220)
	John Foley (ext. 216)
Department of Science, Mathematics & General Studies	Philip Murray (ext. 532)
*Head of Department.	

The College also provides a number of Evening courses which may assist those who wish to resit for elements of the Senior Trade examinations in which they have not been successful so far or to broaden or enhance their qualifications. Details of these courses are provided in a separate section of the College prospectus, in leaflets or in another publication available on request.







INSTITIÚID  
TEICNEOLAÍOCHTA  
BHAILE ÁTHA CLIATH



COLÁISTE  
TEICNEOLAÍOCHTA SRÁID  
BHOLTÚIN



CITY OF DUBLIN  
VOCATIONAL EDUCATIONAL COMMITTEE

