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Prospectus: Bolton Street

Dublin Institute of Technology

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1963

## Printing and Book Production: Courses and Timetables Session 1963-64

City of Dublin Vocational Education Committee

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CITY OF DUBLIN VOCATIONAL EDUCATION COMMITTEE

DEPARTMENT OF  
PRINTING AND  
BOOK PRODUCTION

COLLEGE OF TECHNOLOGY  
BOLTON STREET, DUBLIN, 1



*Courses and Timetables*

SESSION 1963-64

## Calendar for Session 1963-64

- 1963—SEPT. 2 MONDAY - Day Apprentice School resumes work.
- 9 MONDAY - Evening Courses open for enrolment.
- 23 MONDAY - Evening Classes commence work.
- OCT. 23 WEDNESDAY - Votive Mass. All Day Classes closed.
- NOV. 1 FRIDAY - *All Saints' Day.* All Day Classes closed.
- DEC. 20 FRIDAY - Final Class Meetings before Christmas Vacation.
- 1964—JAN. 6 MONDAY - All Classes resume work after Christmas Vacation.
- MAR. 24 TUESDAY - Final Class Meetings before Easter Vacation.
- APR. 6 MONDAY - Day Classes resume after Easter Vacation.
- MAY 7 THURSDAY - *Ascension Day.* School closed.
- JUNE 17 MONDAY - *Whit Monday.* School closed.
- 28 THURSDAY - *Feast of Corpus Christi.* School closed.
- 29 FRIDAY - End of Session.

School closed on all Bank Holidays not specified in above Calendar.

## COLLEGE OF TECHNOLOGY, BOLTON STREET

*Principal:* D. F. O'DWYER, B.ARCH., F.R.I.A.I.

*Vice-Principal:* J. D. BARRY, M.SC., B.E., M.I.MECH.E., M.I.C.E.I.

Phone : 49913-8.

## DEPARTMENT OF PRINTING AND BOOK PRODUCTION

*Head of Department:*

WILLIAM J. FITZPATRICK, A.M.I.O.P.

*Assistant Head of Department:*

CHRISTOPHER J. McCULLAGH, FINAL C. & G.

D/81. PRINTING TECHNOLOGY

COMPOSITORS—FIRST YEAR COURSE

No. of Class	Subject	No. of Hours per Week
	Practical Work ... ..	3½
	Theory ... ..	2
	Applied Science ... ..	1½
800	Mechanical Composition * ... ..	1½
801	Research in the Printing Industry * ... ..	1
802	Departmental Administration † ... ..	1½
803	Departmental Estimating and Costing † ... ..	1
804	Typographic Design ... ..	2½

\* 14 weeks' duration.

† 14 weeks' duration.

LETTERPRESS MACHINE—FIRST YEAR COURSE

No. of Class	Subject	No. of Hours per Week
	Theory ... ..	2½
	Introduction to Design ... ..	1
	Colour in Printing ... ..	1
	Diagrammatic Drawing ... ..	1
	Applied Science ... ..	1½
805	Practical Work ... ..	2½
806	Departmental Administration * ... ..	1½
807	Departmental Estimating and Costing * ... ..	1
808	Research in the Printing Industry † ... ..	1

\* 14 weeks' duration.

† 14 weeks' duration.

COMPOSITORS AND LETTERPRESS MACHINE  
SECOND YEAR COURSE

No. of Class	Subject	No. of Hours per Week
	Science ... ..	2
	Technical Processes of Printing ... ..	4
	Applications of Science in Printing ... ..	1½
809	Appreciation of Design and Colour in Printing † ... ..	2½
810	Survey of the Printing Industry * ... ..	2½

\* 14 weeks' duration.

† 14 weeks' duration.

The training in the above courses will be supplemented by:

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



D/82. TRAINING FOR MANAGEMENT

FIRST YEAR COURSE

No. of Class	Subject	No. of Hours per Week
	Compositors' Work—Practical ... ..	3
	Applied Printing ... ..	1
	Departmental Administration ... ..	1½
	Appreciation of Design ... ..	1
811	Mechanical Composition ... ..	2
812	Costing and Estimating ... ..	2

SECOND YEAR COURSE

No. of Class	Subject	No. of Hours per Week
	Letterpress Machine—Practical ... ..	3½
	Theory ... ..	1
	Departmental Administration ... ..	1½
	Typographical Design ... ..	1
813	Bookbinding—Practical and Theory ... ..	2½
814	Departmental Administration ... ..	1
815	Costing and Estimating ... ..	2

THIRD YEAR COURSE

No. of Class	Subject	No. of Hours per Week
816	Lithography and Photo-Lithography ... ..	1½
817	Process Engraving ... ..	1½
818	Stereotyping ... ..	1
819	Management and Administration ... ..	5

DAY APPRENTICE CLASSES

D/181. BOOKBINDING

FIRST, SECOND, THIRD AND FOURTH YEAR

No. of Class	Subject	No. of Hours per Week
	Applications of Science in Bookbinding ... ..	1
	Design for Bookbinders ... ..	1
	Trade—Practical ... ..	4
	Trade—Theory ... ..	1
844	Bookfinishing (Junior Stage) * ... ..	2
845	Bookfinishing (Senior Stage) * ... ..	2

\* Evening Class.

D/182. COMPOSITORS WORK

FIRST YEAR

No. of Class	Subject	No. of Hours per Week
	Trade—Practical ... ..	6
	Mechanical Composition ... ..	2
	Trade—Theory ... ..	5½
	Typographical Layout and Design ... ..	2
	Social Studies ... ..	½
	Applied Science ... ..	1½
878	Irish * ... ..	1
879	English * ... ..	1½

\* Evening Class.

D/182. COMPOSITORS WORK

SECOND YEAR

No. of Class	Subject	No. of Hours per Week
	Trade—Practical ... ..	6
	Mechanical Composition ... ..	3½
	Trade—Theory ... ..	4
	Typographical Design and Layout ... ..	2
	Social Studies ... ..	½
	Applied Science ... ..	1½
880	Irish * ... ..	1½
881	English * ... ..	1

\* Evening Class.

**D/183. LETTERPRESS MACHINE WORK  
FIRST YEAR**

No. of Class	Subject	No. of Hours per Week
	Trade—Practical ... ..	6
	Trade—Theory ... ..	7½
	Diagrammatic Drawing ... ..	1
	Applied Science ... ..	1
	Design and Colour ... ..	1½
	Social Studies ... ..	½
878	Irish * ... ..	1
879	English * ... ..	1½

\* Evening Class.

**D/183. LETTERPRESS MACHINE WORK  
SECOND YEAR**

No. of Class	Subject	No. of Hours per Week
	Trade—Practical ... ..	6
	Trade—Theory ... ..	7½
	Design and Colour ... ..	1
	Applied Science ... ..	1½
	Diagrammatic Drawing ... ..	1
	Social Studies ... ..	½
880	Irish * ... ..	1½
881	English * ... ..	1

\* Evening Class.

**D/184. PROCESS ENGRAVING  
FIRST, SECOND AND THIRD YEAR**

No. of Class	Subject	No. of Hours per Week
826	Applied Science/Chemistry ... ..	1½
827	Camera Operating—Practical ... ..	3
882	Camera Operating—Theory * ... ..	1
828	Etching—Practical ... ..	3
883	Etching—Theory * ... ..	1

\* Evening Class

**D/185. MECHANICAL COMPOSITION  
LINOTYPE, INTERTYPE AND TELETYPESETTING**

No. of Class	Subject	No. of Hours per Week
829	Exercises in Manual Operating ... ..	30
	Mechanism ... ..	
	Tape Composition ... ..	
	TTS Composition ... ..	

**D/188. STEREOTYPING AND ELECTROTYPING  
FIRST, SECOND, THIRD AND FOURTH YEAR**

No. of Class	Subject	No. of Hours per Week
830	Trade—Theory ... ..	1½
831	Science ... ..	1½
832	Metallurgy ... ..	1½

In connection with the Trade Courses, educational visits to supplement the general training are made to paper mills, newspapers offices, ink factories, stereotyping and electrotyping plants, etc.

**D/190. COMPOSITORS WORK—BLOCK RELEASE**

No. of Class	Subject	1st Year hrs. per week	2nd Year hrs. per week	3rd Year hrs. per week	4th Year hrs. per week
	Hand Composition ... ..	18½	18½	18½	18½
	Mechanical Composition ... ..	1½	1½	3½	3½
	Theory ... ..	8½	8½	8½	8½
	Science ... ..	2	2	—	—
	Typographic Design and Lay-out ... ..	4	4	4	4
	Social Studies ... ..	½	½	½	½
	Total ... ..	35	35	35	35
884	Irish* ... ..	1½	1½	1½	1½
885	English* ... ..	1½	1½	1½	1½

\* Evening Class.

**D/191. BOOKBINDING—BLOCK RELEASE**

No. of Class	Subject	1st Year hrs. per week	2nd Year hrs. per week	3rd Year hrs. per week	4th Year hrs. per week
	Practical ... ..	22½	22½	22½	22½
	Theory ... ..	8	8	9	9
	Design ... ..	2	2	3	3
	Science ... ..	2	2	—	—
	Social Studies ... ..	½	½	½	½
	Total ... ..	35	35	35	35
886	Book Finishing (Evening) ... ..	3	3	3	3



# EVENING CLASSES

## E/81. PRINTING TECHNOLOGY

### THIRD YEAR COURSE

Class No.	Subject	Day	Time	Room	Teacher
833	Appreciation of Design and Colour in Printing ... ..	Friday	7.30-10.0	C 16	R. Doyle
834	Survey of the Printing Industry ... ..	Thursday	8.0-10.0	C 21	J. Reddin
835	Applied Science ... ..	Wednesday	7.30-9.30	A 21	M. Niall

The training in the above courses will be supplemented by:  
 (a) Visits to Industry;  
 (b) Lectures by specialists on particular aspects of the Industry.

## E/82. TRAINING FOR MANAGEMENT

### FIRST YEAR COURSE

Class No.	Subject	Day	Time	Room	Teacher
811	Mechanical Composition ...	Friday	7.30-9.30	C 19	R. Sharpe
812	Costing and Estimating ...	Monday	7.0-10.0	C 21	J. Reddin

### SECOND YEAR COURSE

813	Bookbinding—Practical ...	Friday	7.0-9.0	C 17	A. Ronan
	and Theory ... ..	Friday	9.0-10.0	C 17	A. Ronan
814	Departmental Administration ... ..	Tuesday	7.30-8.30	C 21	J. Reddin
815	Costing and Estimating ...	Tuesday	8.30-9.30	C 21	J. Reddin

### THIRD YEAR COURSE

816	Lithography and Photo-Lithography ... ..	Friday	7.30-9.0	—	—
817	Process Engraving ... ..	Tuesday	7.0-8.30	—	—
818	Stereotyping ... ..	Friday	9.0-10.0	—	—
819	Management and Administration ... ..	Tuesday	8.30-10.0	—	—
		Thursday	7.0-10.0	—	—

## E/83. APPLIED PRINTING

Class No.	Subject	Day	Time	Room	Teacher
836	Applied Printing: Stage I ... ..	Monday	7.30-9.30	C 8	M. O Loingsigh
837	Stage II ... ..	Wednesday	7.30-9.30	C 7	M. O Loingsigh

Students intending to take Costing and Estimating Courses are advised to complete a Course in Applied Printing, taking the Examination in Preliminary Technical Knowledge of the British Federation of Master Printers.

## E/84. COSTING AND ESTIMATING

Class No.	Subject	Day	Time	Room	Teacher
838	Estimating* ... ..	Friday	7.30-9.30	C 6	F. Farrell
839	Costing ... ..	Monday	7.30-9.30	C 6	F. Farrell

\* No candidate will be accepted by the British Federation of Master Printers for Stage I of the Estimating Examination unless he or she has passed, or obtained exemption from, the Preliminary Technical Knowledge Examination.

## E/85. PAPER TECHNOLOGY AND MARKETING

<b>STAGE I</b>					
840	Paper Making ... ..	Wednesday	8.0-10.0	C 8	C. Donaghy
	Paper Merchancing ... ..	Wednesday	8.0-10.0	C 8	A. McLeod Martin
	Paper for Printers ... ..	Wednesday	8.0-10.0	C 8	A. McLeod Martin
	Coarse Papers ... ..	Wednesday	8.0-10.0	C 8	A. McLeod Martin
<b>STAGE II</b>					
841	Paper Making ... ..	Tuesday	8.0-10.0	C 6	C. Donaghy
	Paper Merchancing ... ..	Tuesday	8.0-10.0	C 6	A. McLeod Martin
	Paper for Printers ... ..	Tuesday	8.0-10.0	C 6	A. McLeod Martin
	Coarse Papers ... ..	Tuesday	8.0-10.0	C 6	A. McLeod Martin

## E/86. TYPOGRAPHIC DESIGN AND LAYOUT

842	Stage I ... ..	Tuesday	8.00-10.0	C 9	P. McDonnell
843	Stage II ... ..	Friday	7.30-10.0	C 9	P. McDonnell

## E/181. BOOK-EDGE GILDING AND FINISHING

844	Junior Stage ... ..	Monday	8.00-10.0	C 17	H. R. Owens
845	Senior Stage ... ..	Wednesday	8.00-10.0	C 17	H. R. Owens
846	Artistic Book Finishing ...	Tuesday	7.30-10.0	C 17	H. R. Owens

## E/182. COMPOSITORS WORK

THIRD YEAR					
847	Practical—A ... ..	Wednesday	8.0-10.0	—	—
848	Theory ... ..	Tuesday	8.0-10.0	—	—
849	Design and Layout—A ...	Thursday	8.0-10.0	—	—
850	Practical—B ... ..	Monday	8.0-10.0	—	—
851	Theory ... ..	Tuesday	8.0-10.0	—	—
		Thursday			
852	Design and Layout—B ...	Wednesday	8.0-10.0	—	—
853	Practical—C ... ..	Tuesday	8.0-10.0	—	—
854	Theory ... ..	Thursday	8.0-10.0	—	—
855	Design and Layout—C ...	Monday	8.0-10.0	—	—
FOURTH YEAR					
856	Practical—A ... ..	Thursday	8.0-10.0	C 13	—
857	Theory—A ... ..	Monday	8.0-10.0	C 7	—
858	Design and Layout—A ...	Wednesday	8.0-10.0	C 9	—
859	Practical—B ... ..	Thursday	8.0-10.0	C 13	—
860	Theory—B ... ..	Friday	8.0-10.0	C 7	—
861	Design and Layout ... ..	Monday	8.0-10.0	C 16	—

**E/183. LETTERPRESS MACHINE WORK**

Class No.	Subject	Day	Time	Room	Teacher
<b>THIRD YEAR</b>					
861	Practical—A ... ..	Monday	8.0-10.0	D 12	---
862	Theory—A & B ... ..	Tuesday	8.0-10.0	C 8	---
863	Practical—B ... ..	Wednesday	8.0-10.0	D 12	---
<b>FOURTH YEAR</b>					
864	Practical ... ..	Friday	8.0-10.0	D 12	---
865	Theory ... ..	Wednesday	8.0-10.0	C 6	---
866	Practical—B ... ..	Thursday	8.0-10.0	D 12	---
867	Theory—B ... ..	Friday	8.0-10.0	C 8	---

**E/185. LINOTYPE, INTERTYPE AND TELETYPESETTING**

<b>JUNIOR STAGE</b>					
868	Practical Operating and Mechanism ... ..	Monday	7.30-9.30	C 19	F. Crangle
869	Do. ... ..	Tuesday	7.30-9.30	C 19	F. Crangle
<b>SENIOR STAGE</b>					
870	Practical Operating and Mechanism ... ..	Wednesday	7.30-9.30	C 19	R. Sharpe
871	Do. ... ..	Thursday	7.30-9.30	C 19	R. Sharpe

**E/186 MONOTYPE CASTER OPERATING**

872	Practical Operating and Caster Mechanism ... ..	Monday	7.30-9.30	C 20	---
873	Do. ... ..	Thursday	7.30-9.30	C 20	---

**E/187. MONOTYPE KEYBOARD OPERATING**  
This Course will include instruction in Monotype Casting

<b>JUNIOR STAGE</b>					
874	Keyboard Operating and Keyboard Mechanism ... ..	Monday	7.30-9.30	C 19	B. O'Dowd
875	Do. ... ..	Wednesday	7.30-9.30	C 19	B. O'Dowd
<b>SENIOR STAGE</b>					
876	Keyboard Operating and Keyboard Mechanism ... ..	Tuesday	7.30-9.30	C 19	B. O'Dowd
877	Do. ... ..	Thursday	7.30-9.30	C 19	B. O'Dowd



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WM. WARREN & SON LTD.

PRINTERS - DUBLIN

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