

1964

Printing and Book Production: Courses and Timetables Session 1964-65

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 1964-65

Calendar for Session 1964-65

- 1964—SEPT. 7 MONDAY - Day and Block Release apprentices resume work.
- 14 MONDAY - Evening Courses open for enrolment.
- 28 MONDAY - Evening Classes commence work.
- OCT. 21 WEDNESDAY - Votive Mass. All Day Classes closed.
- DEC. 8 TUESDAY - *Feast of the Immaculate Conception.* All Day Classes closed.
- 18 FRIDAY - Final Class Meetings before Christmas Vacation.
- 1965—JAN. 4 MONDAY - All Classes resume work after Christmas Vacation.
- 6 WEDNESDAY - *Feast of the Epiphany.* All Day Classes closed.
- MAR. 17 WEDNESDAY - *St. Patrick's Day.* School closed.
- APR. 13 TUESDAY - Final Class Meetings before Easter Vacation.
All Evening Classes close.
- 26 MONDAY - Day Classes resume after Easter Vacation.
- MAY 27 THURSDAY - *Ascension Day.* School closed.
- JUNE 7 MONDAY - *Whit Monday.* School closed.
- 17 THURSDAY - *Feast of Corpus Christi.* School closed.
- 25 FRIDAY - End of Session.

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

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

D/81. PRINTING TECHNOLOGY

COMPOSITORS—FIRST YEAR COURSE

No. of Class	Subject	No. of Hours per Week
	Techniques of Compositors' Work	3
	Technology of Compositors' Work	2
	Applied Science	2
800	Mechanical Composition and Photo-Composition ...	2
801	Departmental Administration*	2½
802	Departmental Estimating and Costing*	2½
803	Typographic Design and Layout	2½

* 14 weeks duration.

LETTERPRESS MACHINE—FIRST YEAR COURSE

No. of Class	Subject	No. of Hours per Week
	Techniques of Letterpress Printing	2½
804	Technology of Letterpress Printing	2½
	Applied Science	2
	Introduction to Design	1
	Diagrammatic Drawing*	1½
	The Use of Colour in Printing*	1½
	Research in the Printing Industry*	1½
805	Departmental Administration†	2½
806	Departmental Estimating and Costing†	2½

* 10 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	5½
	Applications of Science in Printing	1½
807	Appreciation of Design and Colour in Printing ...	2½
808	Survey of the Printing Industry	2

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 ADMINISTRATIVE STAFF

FIRST YEAR COURSE

No. of Class	Subject	No. of Hours per Week
	Compositors' Work	
	Practical	3½
	Theory	1
	Appreciation of Design	1½
	Applied Printing	1
810	Mechanical Composition *	2
811	Costing and Estimating	1
812	Process Engraving †	2
813	Applied Printing	1

* 12 weeks approximately.

† 8 weeks approximately.

SECOND YEAR COURSE

No. of Class	Subject	No. of Hours per Week
	Letterpress Machine Work	
	Practical	2
	Theory	1
	Departmental Administration and Estimating	2
	Costing and Estimating	1
	Lithography and Photo-Lithography	1
814	Bookbinding	
	Practical	1
	Theory and Departmental Administration	1
815	Costing	1
816	Estimating	1

THIRD YEAR COURSE

This course will be held in the School of Management Studies, Rathmines.

No. of Class	Subject	No. of Hours per Week
	Work Study	6
	Study of Financial Accounts and Presentation of Reports	
	Legal Aspects	
	Industrial and Human Relations	

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
833	Bookfinishing (Junior Stage) *	2
834	Bookfinishing (Senior Stage) *	2

* Evening Class.

D/182. COMPOSITORS WORK

FIRST YEAR

No. of Class	Subject	No. of Hours per Week
	Trade-Practical	8
	Mechanical Composition	1½
	Trade-Theory	4
	Typographical Layout and Design	2
	Social Studies	½
	Applied Science	1½
874	Irish *	1
875	English *	1½

* Evening Class.

D/182. COMPOSITORS WORK

SECOND YEAR

No. of Class	Subject	No. of Hours per Week
	Trade-Practical	8
	Mechanical Composition	2
	Trade-Theory	3½
	Typographical Design and Layout	2
	Social Studies	½
	Applied Science	1½
876	Irish *	1½
877	English *	1

* Evening Class.

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

No. of Class	Subject	No. of Hours per Week
	Trade—Practical	7½
	Trade—Theory	5½
	Diagrammatic Drawing	1
	Applied Science	1½
	Design and Colour	1½
	Social Studies	½
874	Irish *	1
875	English *	1½

* Evening Class.

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

No. of Class	Subject	No. of Hours per Week
	Trade—Practical	7½
	Trade—Theory	5½
	Design and Colour	1½
	Applied Science	1½
	Diagrammatic Drawing	1
	Social Studies	½
876	Irish *	1½
877	English *	1

* Evening Class.

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

No. of Class	Subject	No. of Hours per Week
	Applied Science/Chemistry	1½
	Camera Operating—Practical	3
874	Camera Operating—Theory *	1
	Etching—Practical	3
875	Etching—Theory *	1

* Evening Class.

**D/185. A & B—MECHANICAL COMPOSITION
LINOTYPE, INTERTYPE AND TELETYPESETTING**

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

Course A: Complete Course of 12 weeks instruction Course B: A Refresher Course of 6 weeks instruction.

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

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

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	7	7	6½	6½
	Science	2	2	—	—
	Typographic Design and Lay-out	3½	3½	4	4
	Technical Processes	2	2	2	2
	Social Studies	½	½	½	½
	Total	35	35	35	35
	Irish and English *	2½	2½	—	—
	Theory *	2	2	—	—

* 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	18½	18½	20½	20½
	Theory	8	8	8	8
	Design	4	4	2	2
	Technical Processes	2	2	2	2
	Science	2	2	2	2
	Social Studies	½	½	½	½
	Total	35	35	35	35
	Book Finishing (Evening)	3	3	3	3

D/192. LITHOGRAPHY AND PHOTO-LITHOGRAPHY

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 Work	18½	18½	2* †20½	2* †20½
	Theory	8	8	2	2
	Technical Processes	2	2	—	—
	Applied Science and Chemistry	4	4	—	—
	Design and Colour	2	2	—	—
	Social Studies	½	½	—	—

* Dublin Apprentices.

† Provincial Apprentices.

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.

EVENING CLASSES

E/81. PRINTING TECHNOLOGY THIRD YEAR COURSE

Class No.	Subject	Day	Time	Room	Teacher
807	Appreciation of Design and Colour in Printing	Friday	7.30-10.0	B 36	R. Doyle
808	Survey of the Printing Industry	Thursday	7.30-9.30	C8	J. Reddin
809	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 ADMINISTRATIVE STAFF FIRST YEAR COURSE

Class No.	Subject	Day	Time	Room	Teacher
810	Mechanical Composition	Friday	7.30-9.30	C 19	R. Sharpe
811	Costing and Estimating	Monday	7.30-8.30	C 21	J. Keane
812	Process Engraving		7.30-9.30	C 21	A. Gemmell
813	Applied Printing	Monday	8.30-9.30		J. Keane

SECOND YEAR COURSE

814	Bookbinding—Practical	Friday	7.30-9.0	C 17	A. Ronan
	and Theory	Friday	9.0-10.0	C 17	A. Ronan
815	Costing	Tuesday	7.30-8.30	C 21	J. Keane
816	Estimating	Tuesday	8.30-9.30	C 21	J. Keane

E/83. APPLIED PRINTING

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

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
823	Estimating*	Friday	7.30-9.30	C 6	F. Farrell
824	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

Class No.	Subject	Day	Time	Room	Teacher
825	STAGE I				
	Paper Making	Wednesday	8.0-10.0	C 7	C. Donaghy
	Paper Merchunting	Wednesday	8.0-10.0	C 7	A. McLeod Martin
	Paper for Printers	Wednesday	8.0-10.0	C 7	A. McLeod Martin
	Coarse Papers	Wednesday	8.0-10.0	C 7	A. McLeod Martin
826	STAGE II				
	Paper Making	Tuesday	8.0-10.0	C 8	C. Donaghy
	Paper Merchunting	Tuesday	8.0-10.0	C 8	A. McLeod Martin
	Paper for Printers	Tuesday	8.0-10.0	C 8	A. McLeod Martin
	Coarse Papers	Tuesday	8.0-10.0	C 8	A. McLeod Martin

E/86. TYPOGRAPHIC DESIGN AND LAYOUT

Class No.	Subject	Day	Time	Room	Teacher
827	Stage I	Tuesday	8.00-10.0	B 36	P. McDonnell
828	Stage II	Friday	7.30-10.0	B 36	P. McDonnell

E/89. BASIC DIPLOMA COURSE IN ADVERTISING

Class No.	Subject	Day	Time	Room	Teacher
829	Printing and Reproduction Methods *	Monday	7.30-9.30	C 6	J. Keane

* Class will be held from September to December.

E/90. HIGHER DIPLOMA COURSE IN ADVERTISING & DESIGN

Class No.	Subject	Day	Time	Room	Teacher
830	Printing and Reproduction Methods	Wednesday	7.30-9.30	C 5	J. Keane
831	Copywriting *	Tuesday	7.30-9.30	—	F. Wade
832	Design and Layout *	Tuesday	7.30-9.30	B 36	—

* Class will be held from January to April.

E/181. BOOK-EDGE GILDING AND FINISHING

Class No.	Subject	Day	Time	Room	Teacher
833	Junior Stage	Monday	8.00-10.0	C 17	H. R. Owens
834	Senior Stage	Wednesday	8.00-10.0	C 17	H. R. Owens
835	Artistic Book Finishing ...	Tuesday	7.30-10.0	C 17	H. R. Owens

E/182. COMPOSITORS WORK

Class No.	Subject	Day	Time	Room	Teacher
THIRD YEAR					
836	Practical—A	Monday	8.0-10.0	C 11	J. Bennett
837	Practical—B	Tuesday	8.0-10.0	C 11	J. Bennett
838	Practical—C	Wednesday	8.0-10.0	C 11	J. Bennett
839	Theory—A	Thursday	8.0-10.0	C 7	—
840	Theory—B	Friday	8.0-10.0	C 7	—
841	Design and Layout—A ...	Friday	8.0-10.0	C 9	J. Daly
842	Design and Layout—B ...	Thursday	8.0-10.0	C 9	J. Daly
FOURTH YEAR					
843	Practical—A	Tuesday	8.0-10.0	C 13	—
844	Practical—B	Thursday	8.0-10.0	C 13	—
845	Practical—C	Friday	8.0-10.0	C 13	—
846	Theory—A	Monday	8.0-10.0	C 7	A. Morris
847	Theory—B	Tuesday	8.0-10.0	C 7	A. Morris
848	Design and Layout—A ...	Wednesday	8.0-10.0	B 36	N. Mooney
849	Design and Layout—B ...	Monday	8.0-10.0	B 36	N. Mooney

E/183. LETTERPRESS MACHINE WORK

Class No.	Subject	Day	Time	Room	Teacher
THIRD YEAR					
850	Practical—A	Monday	8.0-10.0	D 12	S. McDonald
851	Practical—B	Wednesday	8.0-10.0	D 12	S. McDonald
852	Practical—C	Thursday	8.0-10.0	D 12	S. McDonald
853	Theory—A	Thursday	8.0-10.0	C 6	D. O'Loughlin
854	Theory—B	Tuesday	8.0-10.0	C 6	D. O'Loughlin
FOURTH YEAR					
855	Practical—A	Tuesday	8.0-10.0	D 12	J. Whelan
856	Practical—B	Friday	8.0-10.0	D 12	D. O'Loughlin
857	Theory—A	Friday	8.0-10.0	C 6	J. Whelan
858	Theory—B	Wednesday	8.0-10.0	C 6	J. Whelan

E/185. LINOTYPE, INTERTYPE AND TELETYPESETTING

Class No.	Subject	Day	Time	Room	Teacher
JUNIOR STAGE					
859	Practical Operating and Mechanism	Monday	7.30-9.30	C 19	J. Kennedy
860	Do.	Tuesday	7.30-9.30	C 19	J. Kennedy
SENIOR STAGE					
861	Practical Operating and Mechanism	Wednesday	7.30-9.30	C 19	R. Sharpe
862	Do.	Thursday	7.30-9.30	C 19	R. Sharpe

E/186. MONOTYPE CASTER OPERATING

Class No.	Subject	Day	Time	Room	Teacher
863	Practical Operating and Caster Mechanism ...	Monday	7.30-9.30	C 20	B. Culligan
864	Do.	Thursday	7.30-9.30	C 20	B. Culligan

E/187. MONOTYPE KEYBOARD OPERATING

This Course will include instruction in Monotype Casting

Class No.	Subject	Day	Time	Room	Teacher
JUNIOR STAGE					
865	Keyboard Operating and Keyboard Mechanism ...	Monday	7.30-9.30	C 19	B. O'Dowd
866	Do.	Wednesday	7.30-9.30	C 19	B. O'Dowd
SENIOR STAGE					
867	Keyboard Operating and Keyboard Mechanism ...	Tuesday	7.30-9.30	C 19	B. O'Dowd
868	Do.	Thursday	7.30-9.30	C 19	B. O'Dowd

E/192. LITHOGRAPHY AND PHOTO-LITHOGRAPHY

Class No.	Subject	Day	Time	Room	Teacher
THIRD YEAR					
869	Practical Work	—	8.0-10.0	C 16	—
870	Theory	—	8.0-10.0	C 16	—
FOURTH YEAR					
871	Practical Work	—	8.0-10.0	C 16	—
872	Theory	—	8.0-10.0	C 16	—