



1961

# Printing and Book Production: Courses and Timetables Session 1961-62

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



*Courses and Timetables*

SESSION 1961-62

## Calendar for Session 1961-62

- 1961—SEPT. 4 MONDAY - Day Apprentice School resumes work.
- 11 MONDAY - Evening Courses open for enrolment.
- 25 MONDAY - Evening Classes commence work.
- NOV. 1 WEDNESDAY *All Saints' Day.*
- DEC. 8 FRIDAY - *Feast of the Immaculate Conception.* All Day Classes closed.
- 20 WEDNESDAY Final Class Meetings before Christmas Vacation.
- 1962—JAN. 8 MONDAY - All Classes resume work after Christmas Vacation.
- MAR. 17 SATURDAY - *St. Patrick's Day.* School closed.
- APR. 17 TUESDAY - Final Class Meetings before Easter Vacation. Final Meetings of Evening Classes for Session 1961/62.
- 30 MONDAY - Day Classes resume after Easter Vacation.
- MAY 31 THURSDAY - *Ascension Day.* School closed.
- JUNE 11 MONDAY - *Whit Monday.* School closed.
- 21 THURSDAY - *Feast of Corpus Christi.* School closed.
- 29 FRIDAY - End of Session.

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

## DAY APPRENTICE SCHOOL CLASSES COLLEGE OF TECHNOLOGY, BOLTON STREET

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

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

Phone: 43553/4.

## DEPARTMENT OF PRINTING AND BOOK PRODUCTION

*Head of Department:*

WILLIAM J. FITZPATRICK, FULL TECH. C. & G., LOND.

*Assistant Head of Department:*

CHRISTOPHER J. McCULLAGH, FINAL C. & G.



## D/81. PRINTING TECHNOLOGY

### COMPOSITORS—FIRST YEAR COURSE

| No. of Course | Subject                                      | No. of Hours per Week |
|---------------|--|-----------------------|
|               | Practical Work ... ..                        | 3½                    |
|               | Theory ... ..                                | 2                     |
|               | Applied Science ... ..                       | 1½                    |
|               | Mechanical Composition * ... ..              | 1½                    |
|               | Research in the Printing Industry * ... ..   | 1                     |
|               | Departmental Administration † ... ..         | 1½                    |
|               | Departmental Estimating and Costing † ... .. | 1                     |
|               | Typographic Design ... ..                    | 2½                    |

\* 14 weeks' duration.

† 15 weeks' duration.

### LETTERPRESS MACHINE—FIRST YEAR COURSE

| No. of Course | Subject                                      | No. of Hours per Week |
|---------------|--|-----------------------|
|               | Practical Work ... ..                        | 4                     |
|               | Theory † ... ..                              | 2½                    |
|               | Introduction to Design ... ..                | 1                     |
|               | Diagrammatic Drawing ... ..                  | 1                     |
|               | Applied Science ... ..                       | 1½                    |
|               | Departmental Administration * ... ..         | 1½                    |
|               | Departmental Estimating and Costing * ... .. | 1                     |
|               | Colour in Printing † ... ..                  | 1½                    |
|               | Research in the Printing Industry † ... ..   | 1                     |

\* 14 weeks' duration.

† 15 weeks' duration.

‡ 16 weeks for 3½ hours.

### COMPOSITORS AND LETTERPRESS MACHINE SECOND YEAR COURSE

| No. of Course | Subject  | No. of Hours per Week |
|---------------|--|-----------------------|
|               | Science ... ..   | 2                     |
|               | Technical Processes of Printing ... ..                 | 5½                    |
|               | Applications of Science in Printing ... ..             | 1½                    |
|               | Appreciation of Design and Colour in Printing † ... .. | 2                     |
|               | Survey of the Printing Industry * ... ..               | 2½                    |

\* 15 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.

## 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                     |
| 850          | Bookfinishing (Junior Stage) * ... ..         | 2                     |
| 851          | Bookfinishing (Senior Stage) * ... ..         | 2                     |

\* Evening Class.

### D/182. COMPOSITORS' WORK

#### FIRST YEAR

| No. of Class | Subject                       | No. of Hours per Week |
|--------------|-------------------------------|-----------------------|
|              | Trade—Practical ... ..        | 7                     |
|              | Mechanical Composition ... .. | 3½                    |
|              | Trade—Theory ... ..           | 3½                    |
|              | Design and Colour ... ..      | 1                     |
|              | Typographical Layout ... ..   | 1                     |
|              | Social Studies ... ..         | ½                     |
|              | Applied Science ... ..        | 1                     |
| 873          | Irish * ... ..                | 1                     |
| 872          | English * ... ..              | 1½                    |

\* Evening Class.

### D/182. COMPOSITORS' WORK

#### SECOND YEAR

| No. of Class | Subject                                | No. of Hours per Week |
|--------------|--|-----------------------|
|              | Trade—Practical ... ..                 | 7                     |
|              | Mechanical Composition ... ..          | 3½                    |
|              | Trade—Theory ... ..                    | 3½                    |
|              | Typographical Design and Layout ... .. | 1½                    |
|              | Social Studies ... ..                  | ½                     |
|              | Applied Science ... ..                 | 1½                    |
| 875          | Irish * ... ..                         | 1½                    |
| 874          | English * ... ..                       | 1                     |

\* Evening Class.



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

| No. of Class | Subject                  | No. of Hours per Week |
|--------------|--------------------------|-----------------------|
|              | Trade—Practical ... ..   | 10                    |
|              | Trade—Theory ... ..      | 4½                    |
|              | Applied Science ... ..   | 1                     |
|              | Design and Colour ... .. | 1½                    |
|              | Social Studies ... ..    | ½                     |
| 873          | Irish * ... ..           | 1                     |
| 872          | English * ... ..         | 1½                    |

\* Evening Class.

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

| No. of Class | Subject                     | No. of Hours per Week |
|--------------|-----------------------------|-----------------------|
|              | Trade—Practical ... ..      | 9                     |
|              | Trade—Theory ... ..         | 4½                    |
|              | Design and Colour ... ..    | 1                     |
|              | Applied Science ... ..      | 1½                    |
|              | Diagrammatic Drawing ... .. | 1                     |
|              | Social Studies ... ..       | ½                     |
| 875          | Irish * ... ..              | 1½                    |
| 874          | English * ... ..            | 1                     |

\* Evening Class.

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

| No. of Course | Subject                           | No. of Hours per Week |
|---------------|-----------------------------------|-----------------------|
|               | Applied Science/Chemistry ... ..  | 1½                    |
|               | Camera Operating—Practical ... .. | 3                     |
|               | Camera Operating—Theory * ... ..  | 1                     |
|               | Etching—Practical ... ..          | 3                     |
|               | Etching—Theory * ... ..           | 1                     |

\* Evening Class.

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

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

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

**EVENING CLASSES**

**E/81. PRINTING TECHNOLOGY**  
THIRD YEAR COURSE

| Class No. | Subject  | Day | Time      | Room | Teacher   |
|-----------|--|-----|-----------|------|-----------|
| 800       | Appreciation of Design and Colour in Printing ... .. | —   | 8.0-10.0  | —    | R. Doyle  |
| 801       | Survey of the Printing Industry ... ..               | —   | 8.0-10.0  | —    | J. Reddin |
| 802       | Developments in Printing Techniques ... ..           | —   | 7.30-10.0 | —    | —         |

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/188. APPLIED PRINTING**

| Class No. | Subject                 | Day    | Time      | Room | Teacher   |
|-----------|-------------------------|--------|-----------|------|-----------|
| 809       | Applied Printing ... .. | Monday | 7.30-9.30 | C 5  | A. Whelan |

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/82. COSTING AND ESTIMATING**

| Class No. | Subject            | Day       | Time      | Room | Teacher    |
|-----------|--------------------|-----------|-----------|------|------------|
| 803       | Estimating* ... .. | Friday    | 7.30-9.30 | C 6  | F. Farrell |
| 804       | Costing ... ..     | Wednesday | 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/83. PAPER TECHNOLOGY AND MARKETING**

| Class No.       | Subject                   | Day       | Time     | Room | Teacher          |
|-----------------|---------------------------|-----------|----------|------|------------------|
| <b>STAGE I</b>  |                           |           |          |      |                  |
| 805             | Paper Making ... ..       | Wednesday | 8.0-10.0 | C 6  | C. Donaghy       |
|                 | Paper Merchancing ... ..  | Wednesday | 8.0-10.0 | C 6  | A. McLeod Martin |
|                 | Paper for Printers ... .. | Wednesday | 8.0-10.0 | C 6  | A. McLeod Martin |
|                 | Coarse Papers ... ..      | Wednesday | 8.0-10.0 | C 6  | A. McLeod Martin |
| <b>STAGE II</b> |                           |           |          |      |                  |
| 806             | 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/84. TYPOGRAPHIC DESIGN AND LAYOUT**

| Class No. | Subject         | Day     | Time      | Room | Teacher      |
|-----------|-----------------|---------|-----------|------|--------------|
| 807       | Stage I ... ..  | Tuesday | 8.00-10.0 | —    | F. Maher     |
| 808       | Stage II ... .. | Friday  | 7.30-10.0 | C 9  | P. McDonnell |



E/181. BOOK-EDGE GILDING AND FINISHING

| Class No. | Subject                     | Day       | Time      | Room | Teacher     |
|-----------|-----------------------------|-----------|-----------|------|-------------|
| 850       | Junior Stage ... ..         | Monday    | 8.00-10.0 | C 17 | H. R. Owens |
| 851       | Senior Stage ... ..         | Wednesday | 8.00-10.0 | C 17 | H. R. Owens |
| 852       | Artistic Book Finishing ... | Tuesday   | 7.30-10.0 | C 17 | H. R. Owens |

E/182. COMPOSITORS' WORK

| THIRD YEAR  |                         |           |          |      |     |
|-------------|-------------------------|-----------|----------|------|-----|
| 853A        | Practical—A ... ..      | Tuesday   | 8.0-10.0 | C 13 | --- |
| 854A        | Theory—A ... ..         | Thursday  | 8.0-10.0 | C 8  | --- |
| 810         | Design and Layout—A ... | Monday    | 8.0-10.0 | C 8  | --- |
| THIRD YEAR  |                         |           |          |      |     |
| 853B        | Practical—B ... ..      | Wednesday | 8.0-10.0 | C 13 | --- |
| 854B        | Theory—B ... ..         | Monday    | 8.0-10.0 | C 9  | --- |
| 810         | Design and Layout—B ... | Tuesday   | 8.0-10.0 | C 8  | --- |
| FOURTH YEAR |                         |           |          |      |     |
| 855         | Practical ... ..        | Thursday  | 8.0-10.0 | C 13 | --- |
| 856         | Theory ... ..           | Monday    | 8.0-10.0 | C 5  | --- |
| 812         | Design and Layout ...   | Friday    | 8.0-10.0 | C 8  | --- |

E/183. LETTERPRESS MACHINE WORK

| THIRD YEAR  |                     |           |          |      |     |
|-------------|---------------------|-----------|----------|------|-----|
| 857A        | Practical—A ... ..  | Tuesday   | 8.0-10.0 | D 12 | --- |
| 858A & B    | Theory—A & B ... .. | Monday    | 8.0-10.0 | ---  | --- |
| 857B        | Practical—B ... ..  | Wednesday | 8.0-10.0 | D 12 | --- |
| FOURTH YEAR |                     |           |          |      |     |
| 859         | Practical ... ..    | Thursday  | 8.0-10.0 | D 12 | --- |
| 860         | Theory ... ..       | Tuesday   | 8.0-10.0 | ---  | --- |

E/185. LINOTYPE, INTERTYPE AND TELETYPESETTING

| JUNIOR STAGE |  |           |           |     |              |
|--------------|--|-----------|-----------|-----|--------------|
| 861          | Practical Operating and Mechanism ... .. | Monday    | 7.30-9.30 | C19 | J. F. Kearns |
| 862          | Do. ... ..                               | Tuesday   | 7.30-9.30 | C19 | J. F. Kearns |
| 863          | Do. ... ..                               | Friday    | 7.0-10.0  | C19 | R. Sharpe    |
| SENIOR STAGE |  |           |           |     |              |
| 864          | Practical Operating and Mechanism ... .. | Wednesday | 7.30-9.30 | C19 | J. F. Kearns |
| 865          | Do. ... ..                               | Thursday  | 7.30-9.30 | C19 | J. F. Kearns |

E/186 MONOTYPE CASTER OPERATING

| Class No. | Subject                                      | Day      | Time      | Room | Teacher |
|-----------|--|----------|-----------|------|---------|
| 866       | Practical Operating and Caster Mechanism ... | Monday   | 7.30-9.30 | C 20 | ---     |
| 867       | Do. ... ..                                   | Thursday | 7.30-9.30 | C 20 | ---     |

E/187. MONOTYPE KEYBOARD OPERATING

This Course will include instruction in Monotype Casting

| JUNIOR STAGE |   |           |           |      |           |
|--------------|---|-----------|-----------|------|-----------|
| 868          | Keyboard Operating and Keyboard Mechanism ... | Monday    | 7.30-9.30 | C 19 | B. O'Dowd |
| 869          | Do. ... ..                                    | Wednesday | 7.30-9.30 | C 19 | B. O'Dowd |
| SENIOR STAGE |   |           |           |      |           |
| 870          | Keyboard Operating and Keyboard Mechanism ... | Tuesday   | 7.30-9.30 | C 19 | B. O'Dowd |
| 871          | 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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