

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  | 8.0-10.0 | —    | — |
| 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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