

1959

## Architecture and Building: Courses and Timetables Session 1959-60

City of Dublin Vocational Education Committee

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CITY OF DUBLIN VOCATIONAL EDUCATION COMMITTEE

DEPARTMENT OF  
ARCHITECTURE  
AND BUILDING

COLLEGE OF TECHNOLOGY  
BOLTON STREET, DUBLIN

*Courses and Timetables*

SESSION 1959-60

## CALENDAR—SESSION 1959-60

- 1959—SEPT. 7 Monday - Day Courses open for enrolment; Whole-time Day Apprentice Courses commence.
- 14 Monday - Part-time Day Apprentice Courses commence and Evening Courses open for enrolment.
- 21 Monday - Other Day Courses commence.
- 28 Monday - Evening Courses commence.
- DEC. 8 Tuesday - *Feast of the Immaculate Conception.* All Day Classes closed.
- 18 Friday - Final Class Meetings before Christmas Vacation.
- 1960—JAN. 4 Monday - All Classes resume after Christmas Vacation. Fifth Year Courses in Architecture commence.
- MAR. 5 Saturday - Fieldwork in connection with Evening Classes in Surveying and Levelling commences.
- 17 Tuesday - *St. Patrick's Day.* School closed.
- APRIL 12 Tuesday - Final Class Meetings before Easter Vacation. End of Fourth Year Courses in Architecture. End of Evening Classes.
- 25 Monday - Day Classes resume work after Easter Vacation.
- MAY 26 Thursday - *Ascension Day.* School closed.
- JUNE 6 Monday - *Whit Monday.* School closed.
- 11 Saturday - Final Meetings of Day Classes in Architecture.
- 16 Thursday - *Feast of Corpus Christi.* School closed.
- 18 Saturday - Final Meetings of Day Classes in Surveying.
- 20 Monday - Sessional Examinations commence.
- 30 Thursday - End of Session.

Schools are closed on all Bank Holidays not specified in above calendar.

## COLLEGE OF TECHNOLOGY BOLTON STREET

*Principal:*

DONAL O'DWYER, B.ARCH., F.R.I.A.I.

*Vice-Principal:*

JOHN D. BARRY, M.SC., B.E., M.I.MECH.E., M.I.C.E.I.

Phone 43553.

## DEPARTMENT OF ARCHITECTURE AND BUILDING

*Head of Department:*

THE PRINCIPAL

*Assistant Head of Department:* ALBERT J. BRADY, B.ARCH., M.R.I.A.I.

*Chief Instructor (Building Trades):*

R. GRIMES, FULL TECH. C. & G., LOND.

*Head of Science Division:* J. A. NUNAN, B.SC.

# 1. TECHNOLOGICAL AND TECHNICIAN COURSES (DAY)

## D/1 (A). DIPLOMA COURSE IN ARCHITECTURE

### FIRST YEAR

Subject	Hours per Week Term I
Architectural Drawing and Design—I	12½
Theory of Architecture—I	1
History of Architecture—I	2½
Building Construction—I	4½
Architectural Free Drawing and Modelling—I	4
Mathematics—I	2
Science—I (Physics and Chemistry)	3
Mechanics	1½
Geometry	2
<b>Total Hours per Week ...</b>	<b>33</b>

### SECOND YEAR

Subject	Hours per Week
Architectural Drawing and Design—II	15
Theory of Architecture—II	1
History of Architecture—II	1
Building Construction—II	4
Architectural Free Drawing and Modelling—II	3
Mathematics—II	1
Science—II (Physics)	2
Strength of Materials, Theory of Structures	2
Surveying and Levelling	2
Craft Work	2
<b>Total Hours per Week ...</b>	<b>33</b>

### THIRD YEAR

Subject	Hours per Week
Architectural Drawing and Design—III	17½
Theory of Architecture—III	1
History of Architecture—III	1
Building Construction—III	3
Building Materials	1
Building Services—I	1½
Architectural Free Drawing and Modelling—III	3
Structural Engineering—I	2
Craft Work	3
<b>Total Hours per Week ...</b>	<b>33</b>

### FOURTH YEAR

Subject	Hours per Week
Architectural Drawing and Design—IV	20
Theory of Architecture—IV	1
Irish Art and Architecture	1
Building Construction—IV	3
Building Services—II	1½
Architectural Free Drawing and Modelling—IV	2
Structural Engineering—II	3
Professional Practice and Legal Subjects—I	1½
<b>Total Hours per Week ...</b>	<b>33</b>

### FIFTH YEAR

Subject	Hours per Week
Architectural Drawing and Design—V	27
Town Planning (Theory)	1
Structural Engineering—III	2
Professional Practice and Legal Subjects—II	2
Specifications	1
<b>Total Hours per Week ...</b>	<b>33</b>

- Notes—1. The 1st, 2nd, and 3rd years of the Course will be of three terms' duration, commencing in September and ending in June.
2. The 4th year of the Course will be of two terms' duration, commencing in September and ending at Easter.
3. The 5th year of the Course will be of two terms' duration, commencing in January and ending in June.
4. Classes are from 9.30 a.m. to 12.30 p.m. on Monday, Tuesday, Wednesday, and Friday mornings; from 9.30 a.m. to 1 p.m. on Thursday and Saturday mornings, and from 2 p.m. to 5.30 p.m. on Monday, Tuesday, Wednesday, and Friday afternoons. There will be no classes on Thursday afternoons.

### D/1 (B). PART-TIME COURSE IN ARCHITECTURE

Class No.	Subject	Day Classes		Evening Classes		Room	Teacher
		Hrs./week	Day	Time	Day		
	<b>FIRST YEAR:</b>						
	Architectural Drawing and Design—I ... ..	7½					A. Brady
	History of Architecture—I	2½					R. Walker
	Free Drawing and Modelling	2					P. Leonard
202	Building Construction—I A		Fri.	7.30-10.0	B 23		P. McKenna
203	Building Construction—I A		Tues.	7.00-8.30	B 23		P. McKenna
205	Building Science—I ... ..		Tues.	8.30-10.0	A 5		J. E. Gallagher
	<b>SECOND YEAR:</b>						
	Architectural Design—II ...	9					P. McKenna
	History of Architecture—II	1					
	Free Drawing and Modelling—II ... ..	3					J. Hannan
207	Building Construction—II ...		Thurs.	7.30-10.0	B 23		J. O'Keeffe
208	Mechanics ... ..		Tues.	7.00-8.30	A 5		P. J. Coffey
209	Building Construction—II ...		Tues.	8.30-10.0	B 23		J. O'Keeffe
210	Surveying and Levelling—I		Wed.	7.30-10.0	B 29		W. O'Brien
	<b>THIRD YEAR:</b>						
	Architectural Design—III ...	9					J. O'Keeffe
	History of Architecture—III	1					W. Cantwell
	Free Drawing and Modelling—III ... ..	3					J. Hannan
212	Building Construction—III		Wed.	7.30-10.0	B 23		W. Cantwell
215	Building Services—I ... ..		Tues.	7.00-8.30	B 18		C. Parfitt
216	Strength of Materials and Theory of Structures ...		Tues.	8.30-10.0	B 29		W. O'Brien
217	Surveying and Levelling—II		Mon.	7.30-10.0	B 29		W. O'Brien
	<b>FOURTH YEAR:</b>						
	Architectural Design—IV ...	12					R. McDonnell
219	Building Construction—IV ...		Wed.	7.30-10.0	B 12		
222	Structural Engineering—I (Adv.) ... ..		Tues.	7.00-8.30	B 29		W. O'Brien
223	Building Services—II ... ..		Tues.	8.30-10.0	B 18		T. J. Twomey
	<b>FIFTH YEAR:</b>						
	Architectural Design—V ... ..	12					A. Brady, W. Cantwell
222	Structural Engineering—II (Adv.) ... ..		Tues.	7.00-8.30	B 29		W. O'Brien
	<b>SIXTH YEAR:</b>						
	Architectural Design—VI ...	12					A. Brady, W. Cantwell
	Professional Practice—II ...	1½					W. Cantwell
	Specifications ... ..	1					W. Cantwell

- Notes—1.** All Day Classes are concurrent with those of the Whole-time Course in Architecture.
- 2.** All Evening Classes are concurrent with those of the Evening Classes in Building Technology.
- 3.** Fieldwork in Surveying and Levelling will be provided on Saturday afternoons during late spring and early summer.
- 4.** Evening Classes in the subjects, Professional Practice and Specifications, and Architectural Design for 3rd, 4th, and 5th year students who are unable to attend the afternoon classes may be provided if sufficient applications are received to justify the formation of classes.
- 5.** Building Services I includes Water Supplies and Services, Drainage and Sanitation.
- 6.** Building Services II includes Heating, Ventilating and Electrical Services.

### D/2. WHOLE-TIME COURSE IN BUILDING TECHNOLOGY

Subject	Hours per Week		
	1st Year	2nd Year	3rd Year
Mathematics ... ..	3	3	—
Science ... ..	3	1½	—
Draughtsmanship ... ..	6	3	—
Geometry ... ..	1½	—	—
Free Drawing ... ..	4	—	—
Book-keeping and Accountancy ...	3	3	—
Building Construction and Materials ...	6	6	6
Structural Mechanics ... ..	—	—	1½
Surveying and Levelling ... ..	—	3	6
Building Services ... ..	—	1½	1½
Builders' Quantities ... ..	—	3	6
Estimating and Costing ... ..	—	—	3
Building Law ... ..	—	1½	—
Building Administration and Control ...	—	—	3
Craftwork ... ..	1½	1½	1½
History of Building ... ..	—	1½	—
Social Science ... ..	1	1	1
Physical Training ... ..	1	1	1
<b>Total Hours per Week ... ..</b>	<b>30</b>	<b>30½</b>	<b>30½</b>

**Note—**Only the first year of this Course will operate during the Session 1959-60.

### D/3. WHOLE-TIME COURSE IN SURVEYING (QUANTITIES AND VALUATION)

Subject	Hours Per Week			
	1st Year	2nd Year	3rd Year	
			Term I & II	Term III
Building Construction ... ..	6	6	9	6
Draughtsmanship ... ..	6	3	—	—
Legal Subjects ... ..	3	4½	4½	—
Mensuration and Trigonometry ... ..	1½	1½	—	—
Surveying and Levelling ... ..	3	6	—	—
Science (including Mechanics) ... ..	1½	1½	—	—
Book-keeping ... ..	3	3	—	—
Economics ... ..	3	3	—	—
Geometry ... ..	1½	—	—	—
Quantities ... ..	—	—	7½	7½
Building Services—I ... ..	—	—	1½	—
Building Services—II ... ..	—	—	1½	—
Theory of Structures ... ..	—	—	1½	1½
Craftwork ... ..	3	3	—	—
Analysis of Builders' Prices ... ..	—	—	1½	6
Professional Practice ... ..	—	—	3	6
<b>Total Hours per Week ... ..</b>	<b>33</b>	<b>33</b>	<b>30</b>	<b>27</b>

- Notes—1.** Legal subjects include Central and Local Government, Law of Property I, Law of Contract and Tort, in the first and second years of the Course; and Dilapidations, Building Contracts, Building Acts and Bye-Laws, in the third year of the Course.
- 2.** Building Services I includes Water Supplies and Services, Drainage, and Sanitation.
- 3.** Building Services II includes Heating, Ventilating and Electrical Services.
- 4.** The second year of the Course ends in March.
- 5.** Classes are from 9.30 a.m. to 12.30 p.m. on each morning, including Saturday; and 2 p.m. to 5 p.m. on each afternoon, except Thursday afternoon, when no classes will be held.
- 6.** On completion of the third year of this Course, Quantity Surveying students transfer to the fourth year of the Part-time Course in Quantity Surveying (D/4). On completion of the second year of this Course, Valuation Surveying students transfer to the third year of the Part-time Course in Valuation Surveying (D/5).

### D/4. PART-TIME COURSE IN QUANTITY SURVEYING

Class No.	Subject	Day Classes	Evening Classes		Room	Teacher
		Hrs./wk.	Day	Time		
<b>FIRST YEAR:</b>						
	Book-keeping—I ...	3				—
	Economics—I ...	3				—
	Legal Subjects—I ...	3				H. McDevitt
202	Building Construction— I A ...		Fri.	7.30-10.0	B 23	P. McKenna
203	Building Construction— I A ...		Tue.	7.00-8.30	B 23	P. McKenna
205	Building Science—I ...		Tue.	8.30-10.0	A 5	J. E. Gallagher
210	Surveying and Level- ling—I ...		Wed.	7.30-10.0	B 29	W. O'Brien
<b>SECOND YEAR:</b>						
	Book-keeping—II ...	3				—
	Economics—II ...	3				—
	Legal Subjects ...	4½				H. McDevitt
207	Building Construction— II ...		Thurs.	7.30-10.0	B 23	J. O'Keeffe
208	Mechanics ...		Tue.	7.00-8.30	A 5	P. J. Coffey
209	Building Construction— II ...		Tue.	8.30-10.0	B 23	J. O'Keeffe
217	Surveying and Level- ling—II ...		Mon.	7.30-10.0	B 29	W. O'Brien
<b>THIRD YEAR:</b>						
	Quantities—I ...	6				C. Parfitt
	Legal Subjects—III ...	4½				H. McDevitt
212	Building Construction— III ...		Wed.	7.00-8.30	B 23	W. Cantwell
215	Building Services—I ...		Tue.	7.30-10.0	B 18	C. Parfitt
223	Building Services—II ...		Tue.	8.30-10.0	B 18	T. J. Twomey
<b>FOURTH YEAR:</b>						
	Quantities—II ...	1½				C. Parfitt
	Professional Practice ...	1½				C. Parfitt
219	Building Construction— IV ...		Wed.	7.30-10.0	B 12	—
216	Strength of Materials and Theory of Structures		Tue.	8.30-10.0	B 29	W. O'Brien

### D/4. PART-TIME COURSE IN QUANTITY SURVEYING—Contd.

Class No.	Subject	Day Classes	Evening Classes		Room	Teacher
		Hrs./wk.	Day	Time		
<b>FIFTH YEAR:</b>						
222	Quantities—III ... Structural Engineering— Adv. I ...	3				C. Parfitt
			Tue.	7.00-8.30	B 29	W. O'Brien

- Notes—1.** All Day Classes in the first, second, and third years of the Course are concurrent with those of the Whole-time Course in Quantity Surveying.
- 2.** Evening Classes are concurrent with those of the Evening Courses in Building Technology.
- 3.** Professional Practice includes: (a) Professional Practice and Procedure; (b) Arbitrations and Awards; (c) Report Writing.
- 4.** The subject "Analysis of Builders' Prices" will be included in the class "Quantities III" (5th year).
- 5.** Fieldwork in Surveying and Levelling will be provided during late spring and early summer.
- 6.** Alternative Evening Classes in Quantities are available in the Building Technology Course, but they are not as comprehensive as the Day Classes.

### D/5. PART-TIME COURSE IN VALUATION SURVEYING

Class No.	Subject	Day Classes	Evening Classes		Room	Teacher
		Hrs./wk.	Day	Time		
<b>FIRST YEAR:</b>						
	Book-keeping—I ...	3				—
	Economics—I ...	3				—
	Legal Subjects—I ...	3				H. McDevitt
202	Building Construction— I A ...		Fri.	7.30-10.0	B 23	P. McKenna
203	Building Construction— I A ...		Tue.	7.00-8.30	B 23	P. McKenna
205	Building Science—I ...		Tue.	8.30-10.0	A 5	J. E. Gallagher
210	Surveying and Level- ling—I ...		Wed.	7.30-10.0	B 29	W. O'Brien
<b>SECOND YEAR:</b>						
	Book-keeping—II ...	3				—
	Economics—II ...	3				—
	Legal Subjects ...	4½				H. McDevitt
207	Building Construction— II ...		Thurs.	7.30-10.0	B 23	J. O'Keeffe
208	Mechanics ...		Tue.	7.00-8.30	A 5	P. J. Coffey
209	Building Construction— II ...		Tue.	8.30-10.0	B 23	J. O'Keeffe
217	Surveying and Level- ling—II ...		Fri.	7.30-10.0	B 29	W. O'Brien

D/5. PART-TIME COURSE IN VALUATION SURVEYING—Contd.

Class No.	Subject	Day Classes	Evening Classes		Room	Teacher
		Hrs./wk.	Day	Time		
<b>THIRD YEAR:</b>						
215	Legal Subjects—III ...	4½				H. McDevitt
	Building Services—I ...		Tue.	7.00-8.30	B 18	C. Parfitt
218	Valuation—I ...		Tue.	8.30-10.0	B 8	P. Callinan
212	Building Construction—III ...		Wed.	7.30-10.0	B 23	W. Cantwell
<b>FOURTH YEAR:</b>						
	Legal Subjects—IV ...	1½				H. McDevitt
	General Subjects ...	1½				P. Callinan
224	Valuation—II ...			7.00-8.30	B 8	P. Callinan
<b>FIFTH YEAR:</b>						
	Legal Subjects—V ...	1½	Wed.			H. McDevitt
	Maintenance and Repair of Buildings ...	1½				—
226	Valuation—III ...		Thurs.	8.30-10.0	B 8	P. Callinan

- Notes—1.** All Day Classes in the first and second years of the Course are concurrent with those of the Whole-time Courses in Quantity and Valuation Surveying.
- 2.** Evening Classes, except Valuation I, II, and III, are concurrent with those of the Evening Courses in Building Technology.
- 3.** Legal Subjects III include Law of Property II and III, Dilapidations, and Town and Country Planning Law and Procedure. Legal Subjects IV and V include Law of Local Government and Public Health, Law of Highways and Housing and Law of Compulsory Purchase and Compensation.
- 4.** General Subjects include: (a) Arbitrations and Awards; (b) Report Writing; (c) National and Local Taxation.
- 5.** Evening Classes in the subjects Urban Estate Records and Accounts, Town and Country Planning Law and Procedure, and Estate Development and Site Planning may be provided if sufficient applications are received to justify the formation of Classes. The latter two subjects are partly covered in the Classes of the Evening Course in Town and Country Planning.
- 6.** Fieldwork in Surveying and Levelling will be provided during late spring and early summer.

2. TECHNOLOGICAL AND TECHNICIAN COURSES (EVENING)

E/1. EVENING COURSE IN BUILDING TECHNOLOGY

Class No.	Subject	Day	Time	Room	Teacher
<b>INTRODUCTORY YEAR:</b>					
200	Building Draughtsmanship ...	Thurs.	7.30-10.0	C 2	A. Johnson
201	Mathematics—I ...	Fri.	7.00-8.30	B 18	F. Patterson
<b>FIRST YEAR:</b>					
202	Building Construction—IB (Elem.) ...	Fri.	7.30-10.0	B 23	P. McKenna
203	Building Construction—IB (Elem.) ...	Tues.	7.00-8.30	B 23	P. McKenna
205	Building Science—I ...	Tues.	8.30-10.0	A 5	J. E. Gallagher
206	Mathematics—II ...	Mon.	7.00-8.30	B 12	J. E. Gallagher
<b>SECOND YEAR:</b>					
207	Building Construction—II (Inter.) ...	Thurs.	7.30-10.0	B 23	J. O'Keeffe
208	Mechanics ...	Tues.	7.00-8.30	A 5	P. J. Coffey
209	Building Construction—II ...	Tues.	8.30-10.0	B 23	J. O'Keeffe
210	Surveying and Levelling—I ...	Wed.	7.30-10.0	B 29	W. O'Brien
211	Quantities—I ...	Fri.	8.30-10.0	B 18	C. Parfitt
<b>THIRD YEAR:</b>					
212	Building Construction—III (Inter.) ...	Wed.	7.30-10.0	B 23	W. Cantwell
213	Estimating—I ...	Fri.	7.00-8.30	B 29	R. French
214	Quantities—II (Adv.) ...	Fri.	8.30-10.0	B 29	R. French
215	Building Services—I ...	Tues.	7.00-8.30	B 18	C. Parfitt
216	Strength of Materials and Theory of Structures (Inter.)	Tues.	8.30-10.0	B 29	W. O'Brien
<b>FOURTH YEAR:</b>					
219	Building Construction—IV (Adv.) ...	Wed.	7.30-10.0	B 12	—
220	Estimating—II ...	Thurs.	7.00-8.30	B 29	R. French
221	Quantities—III (Adv.) ...	Thurs.	8.30-10.0	B 29	R. French
222	Structural Engineering—I (Adv.)	Tues.	7.00-8.30	B 29	W. O'Brien
223	Building Services—II ...	Tues.	8.30-10.0	B 18	T. Twomey
<b>FIFTH YEAR:</b>					
225	Building Practice and Law ...	Mon.	8.30-10.0	B 12	—
222	Structural Engineering—II (Adv.) ...	Tues.	7.00-8.30	B 29	W. O'Brien

- Notes—1.** Fieldwork in Surveying and Levelling will be done on Saturday afternoons during late spring and early summer.
- 2.** Building Services I includes Water Supplies and Services and Drainage and Sanitation. Building Services II includes Heating, Ventilation and Electrical Services.

### E/2. EVENING COURSE IN SURVEYING AND LEVELLING

Class No.	Subject	Day	Hour	Room	Teacher
210	FIRST YEAR: Surveying and Levelling—IB ..	Wed.	7.30-10.0	B 29	W. O'Brien
217	SECOND YEAR: Surveying and Levelling—II ...	Mon.	7.30-10.0	B 29	W. O'Brien

### E/3. EVENING COURSE IN TOWN AND COUNTRY PLANNING

Class No.	Subject	Day	Time	Room	Teacher
250	FIRST YEAR: Town Planning Practice—I	Monday	7.30-10.0	—	P. Delaney
251	Historical Development of Planning ... ..	Wednesday	7.00-8.30	—	F. Rogerson
252	Outline of Social and Economic Organisation* <sub>1</sub> ...	Wednesday	8.30-10.0	—	J. C. Jackson
253	Economics of Land Use* <sub>1</sub> ...	Wednesday	8.30-10.0	—	P. Callinan
254	SECOND YEAR: Town Planning Practice—II	Tuesday	7.30-10.0	—	P. Delaney
255	Town Planning Practice—II	Tuesday	7.30-10.0	—	P. Delaney
256	Law in Relation to Planning	Thursday	7.00-8.30	—	—
257	Civil Engineering in Relation to Planning* <sub>2</sub> ... ..	Thursday	8.30-10.0	—	—

\* These subjects will be taken in sequence in the same class period; a half session for each subject.

\* For architect students only. The subject "Architectural and Landscape Design in Relation to Planning" for engineer students will be provided if sufficient applications are received.

### E/4. EVENING COURSE IN TIMBER TECHNOLOGY

Class No.	Subject	Day	Hour	Room	Teacher
227	Timber Technology—I ...	Monday	7.30-9.30	B 18	—

### 3. TRADE COURSES (DAY)

#### D/101. BRICKLAYING (WHOLE-TIME)

Subject	Hours per Week	
	1st Year	2nd Year
Trade—Theory and Practice ... ..	18	21½
Science ... ..	3	—
Technical Drawing ... ..	2	2
Mathematics ... ..	1½	2½
English ... ..	1	—
Irish ... ..	1½	—
Religious Instruction ... ..	2	2
Physical Education ... ..	1	2
Total Hours per Week ... ..	30	30

Note—On completion of this Course, students transfer to the third year of the Evening Course (E/101).

#### D/102. CABINETMAKING (PART-TIME DAY)

Subject	Hours per Week	Room	Teacher
FIRST YEAR:			
Trade Theory and Drawing—I ... ..	1½	C 7	M. Murray
Drawing and Design—I ... ..	2	C 7	L. Milner
Trade Practice—I ... ..	10½	C 8	M. Murray
SECOND YEAR:			
Trade Theory and Drawing—II ... ..	1½	C 7	M. Murray
Drawing and Design—II ... ..	2	C 7	L. Milner
History of Furniture ... ..	1	B 18	M. Murray
Trade Practice—II ... ..	9½	C 8	M. Murray

Note—On completion of the second year in this Course, students transfer to the third year of the Evening Course (E/102).

#### D/103. CARPENTRY AND JOINERY (PART-TIME DAY)

FIRST YEAR:			
Trade Theory and Drawing—I ... ..	3	C 20	T. Bridgeman
Trade Practice—I ... ..	3	B 21	T. Bridgeman
SECOND YEAR:			
Trade Theory and Drawing—II ... ..	3	C 20	T. Bridgeman
Trade Practice—II ... ..	3	B 21	T. Bridgeman
THIRD YEAR:			
Trade Theory and Drawing—III ... ..	3	C 20	T. Bridgeman
Trade Practice—III ... ..	3	B 21	T. Bridgeman
FOURTH YEAR:			
Trade Theory and Drawing—IV ... ..	3	C 20	T. Bridgeman
Trade Practice—IV ... ..	3	B 21	T. Bridgeman



**D/104. COACHPAINTING (PART-TIME DAY AND EVENING)**

Class No.	Subject	Day Classes Hrs/week	Evening Classes		Room	Teacher
			Day	Hour		
336	FIRST YEAR: Geometry ... ..	1½			C 20	R. Grimes
	Painting Practice—I ... ..	4½			C 11	J. Kenny
	Trade, Theory and Practice—I and II ... ..		Mon.	7.30-9.30	C 12	R. McNamara
335	Trade, Theory and Practice—I ... ..		Tues.	7.30-9.30	C 12	R. McNamara
	SECOND YEAR: Free Drawing and Lettering—I ... ..	1½			B 24	J. Hannan
336	Painting Practice ... ..	4½			C 11	J. Kenny
	Trade, Theory and Practice—I and II ... ..		Mon.	7.30-9.30	C 12	R. McNamara
337	Trade, Theory and Practice—II ... ..		Fri.	7.30-9.30	C 12	P. McKenna
	THIRD and FOURTH YEARS: Free Drawing and Lettering—III and IV ... ..	1½			B 24	J. Hannan
339	Painting Practice—III and IV ... ..	4½			C 11	J. Kenny
	Trade, Theory and Practice—III and IV ... ..		Wed.	7.30-9.30	C 12	R. McNamara
338	Trade, Theory and Practice—III and IV ... ..		Thurs.	7.30-9.30	C 12	R. McNamara

**D/105. PAINTING AND DECORATING (PART-TIME DAY)**

Subject	Hrs./week	Room	Teacher
FIRST YEAR: Geometry ... ..	1½	C 20	R. Grimes
Painting Practice—I ... ..	4½	C 11	J. Kenny
SECOND YEAR: Free Drawing and Lettering—I ... ..	1½	B 24	J. Hannan
Painting Practice—II ... ..	4½	C 11	J. Kenny
THIRD YEAR: Free Drawing and Lettering—II ... ..	1½	B 24	J. Hannan
Painting Practice—III ... ..	4½	C 11	J. Kenny
FOURTH YEAR: Free Drawing and Lettering—III ... ..	1½	B 24	J. Hannan
Painting Practice—IV ... ..	4½	C 11	J. Kenny

**D/106 (A). PLUMBING (WHOLE-TIME)**

Subject	Hours per Week	
	1st Year	2nd Year
Trade, Theory and Practice ... ..	18	20
Science ... ..	3	1½
Technical Drawing ... ..	2	2
Mathematics ... ..	1½	2½
English ... ..	1	—
Irish ... ..	1½	—
Religious Instruction ... ..	2	2
Physical Education ... ..	1	2
Total Hours per Week ... ..	30	30

Note—On completion of the second year of this Course, students transfer to the third year of the Evening Course (E/106).

**D/106 (B). PLUMBING (PART-TIME DAY)**

Subject	Hours per week	Room	Teacher
FIRST YEAR: Trade Practice—I ... ..	3	D 11	J. Bolton
Trade, Theory and Drawing—I ... ..	3	B 26	J. Bolton
SECOND YEAR: Trade Practice—II ... ..	3	D 11	J. Bolton
Trade, Theory and Drawing—II ... ..	3	B 26	J. Bolton
THIRD YEAR: Trade Practice—III ... ..	3	D 11	J. Bolton
Trade, Theory and Drawing—III ... ..	3	B 26	J. Bolton

Note—On completion of the third year in this course, students transfer to the fourth year of the Evening Course (E/106).

**D/107. VEHICLE BUILDING (PART-TIME DAY AND EVENING)**

Class No.	Subject	Day Classes Hrs./week	Evening Classes		Room	Teacher
			Day	Hour		
359	FIRST YEAR: Geometry—I ... ..	1½			C 20	R. Grimes
	Trade, Practice and Drawing—I ... ..	4½			D 17	—
	Trade, Theory and Drawing—I ... ..		Mon.	7.30-9.30	C 2	P. O'Reilly
360	Science and Calculations—I A ... ..		Wed.	7.30-9.30	B 18	—
	SECOND YEAR: Geometry—II ... ..	1½			C 20	R. Grimes
362	Trade, Practice and Drawing—II ... ..	4½			D 17	—
	Trade, Theory and Drawing—II ... ..		Fri.	7.30-9.30	C 2	P. O'Reilly
360	Science and Calculations—I A ... ..		Wed.	7.30-9.30	B 18	—
	THIRD YEAR: Trade, Practice and Drawing—III ... ..	6			D 17	—
364	Trade, Theory and Drawing—III ... ..		Tues.	7.30-9.30	C 2	P. O'Reilly
	Science and Calculations—I B ... ..		Fri.	7.30-9.30	B 18	—
366	FOURTH YEAR: Trade, Practice and Drawing—IV ... ..	6			D 17	—
	Trade, Theory and Drawing—IV ... ..		Wed.	7.30-9.30	C 2	P. O'Reilly
365	Science and Calculations—I B ... ..		Mon.	7.30-9.30	B 18	—

**D/108. WOODCUTTING MACHINISTS' WORK (PART-TIME DAY AND EVENING)**

Class No.	Subject	Day Classes	Evening Classes		Room	Teacher
		Hrs./week	Day	Hour		
<b>FIRST YEAR:</b>						
	Workshop Drawing—1	1½			B 26	R. Grimes
	Woodwork—1 ... ..	3			B 22	R. Grimes
	Metalwork—1 ... ..	1½			C 10	H. Fitzgerald
368	Trade, Theory and Drawing—1 ... ..		Friday	7.30-9.30	C 20	J. Wall
367	Trade, Practice—1 ... ..		Mon.	7.30-9.30	C 18	J. Wall
<b>SECOND YEAR:</b>						
	Plane & Solid Geometry	1½			B 26	R. Grimes
	Woodwork—2 ... ..	3			B 21	R. Grimes
	Metalwork and Welding—2 ... ..	1½			D 5	H. Fitzgerald
370	Trade, Theory and Drawing—2 ... ..		Wed.	7.30-9.30	B 28	J. Wall
369	Trade, Practice—2 ... ..		Friday	7.30-9.30	C 18	F. Fitzpatrick

**Note**—On completion of the second year in this Course, students transfer to the third year of the Evening Course (E/108).

**4. TRADE COURSES (EVENING)**

**E/101. EVENING COURSE IN BRICKLAYING**

Class No.	Subject	Day	Hour	Room	Teacher
<b>FIRST YEAR:</b>					
300	Trade, Practice—I ... ..	Mon.	7.30-9.30	C 16	D. Cox
301	Trade, Drawing and Theory—I ... ..	Wed.	7.30-9.30	C 20	C. Curran
<b>SECOND YEAR:</b>					
302	Trade, Practice—II ... ..	Tues.	7.30-9.30	C 16	D. Cox
303	Trade, Drawing and Theory—II ... ..	Thurs.	7.30-9.30	C 20	C. Curran
<b>THIRD YEAR:</b>					
304	Trade, Practice—III ... ..	Thurs.	7.30-9.30	C 16	D. Cox
305	Trade, Drawing and Theory—III and IV ... ..	Mon.	7.30-9.30	C 20	C. Curran
<b>FOURTH YEAR:</b>					
306	Trade, Practice—IV ... ..	Wed.	7.30-9.30	C 16	D. Cox
305	Trade, Drawing and Theory—III and IV ... ..	Mon.	7.30-9.30	C 20	C. Curran

**E/102. EVENING COURSE IN CABINETMAKING**

<b>THIRD YEAR:</b>					
307	Trade, Theory and Practice—III	Mon.	7.30-9.30	C 8	C Costello
308	Trade, Theory and Practice—III	Wed.	7.30-9.30	C 8	C Costello
309	Drawing and Design ... ..	Friday	7.30-9.30	B 24	L Milner
<b>FOURTH YEAR:</b>					
310	Trade, Theory and Practice—IV ...	Tues.	7.30-9.30	C 8	C Costello
311	Trade, Theory and Practice—IV ...	Thurs.	7.30-9.30	C 8	C Costello
309	Drawing and Design ... ..	Friday	7.30-9.30	B 24	L. Milner

**E/103. EVENING COURSE IN CARPENTRY AND JOINERY**

Class No.	Subject	Day	Time	Room	Teacher
<b>INTRODUCTORY YEAR:</b>					
312	Woodwork Practice—Intro. A ...	Thurs.	7.30-9.30	B 21	T. Kiernan
313	Geometry and Calculations—IA ...	Mon.	7.30-9.30	B 17	T. Kiernan
314	Woodwork Practice—Intro. B ...	Thurs.	7.30-9.30	B 22	—
315	Geometry and Calculations—IB ...	Mon.	7.30-9.30	B 28	—
<b>FIRST YEAR:</b>					
316	Trade Practice—1A ... ..	Fri.	7.30-9.30	B 21	J. O'Byrne
317	Geometry and Calculations—IIA ...	Tues.	7.30-8.30	B 17	B. Dunne
318	Trade Theory and Drawing—1A ...	Tues.	8.30-10.0	B 17	B. Dunne
318	Trade Practice—1B ... ..	Fri.	7.30-9.30	B 22	—
320	Trade Theory and Drawing—1B	Tues.	7.30-9.00	B 28	—
321	Geometry and Calculations—IIB ...	Tues.	9.00-10.0	B 28	—
<b>SECOND YEAR:</b>					
322	Trade Practice—II A ... ..	Mon.	7.30-9.30	B 21	J. O'Byrne
323	Craft Science—Elem. A ... ..	Thurs.	7.30-8.30	A 5	J. E. Gallagher
324	Trade Theory and Drawing—II A	Thurs.	8.30-10.0	B 17	B Dunne
325	Trade Practice—II B ... ..	Mon.	7.30-9.30	B 22	—
326	Trade Theory and Drawing—II B	Thurs.	7.30-9.00	B 28	—
327	Craft Science—Elem. B ... ..	Thurs.	9.00-10.0	A 5	J. E. Gallagher
<b>THIRD YEAR:</b>					
328	Trade Practice—III A ... ..	Wed.	7.30-9.30	B 21	J. O'Byrne
329	Trade Theory and Drawing—III A	Fri.	7.30-9.30	B 17	J. McGuirk
330	Trade Practice—III B ... ..	Wed.	7.30-9.30	B 22	B. Dunne
331	Trade Theory and Drawing—III B	Fri.	7.30-9.30	B 28	—
<b>FOURTH YEAR:</b>					
332	Trade Practice—IV A ... ..	Tues.	7.30-9.30	B 21	J. O'Byrne
333	Trade Theory and Drawing—IV ...	Wed.	7.30-9.30	B 17	T. Bridgeman
204	Building Construction—1C ... ..	Mon.	7.30-9.30	B 23	B. O'Reilly
334	Trade Practice—IV B ... ..	Tues.	7.30-9.30	B 22	T. Kiernan
333	Trade Theory and Drawing—IV ...	Wed.	7.30-9.30	B 17	T. Bridgeman
204	Building Construction—1C ... ..	Mon.	7.30-9.30	B 23	B. O'Reilly

**E/104. EVENING COURSE IN COACHPAINTING**

Class No.	Subject	Day	Hour	Room	Teacher
<b>FIRST YEAR:</b>					
335	Trade, Theory and Practice—I ...	Tues.	7.30-9.30	C 12	R. McNamara
336	Trade, Theory and Practice—I & II	Mon.	7.30-9.30	C 12	R. McNamara
342	Drawing and Design—I ... ..	Wed.	7.30-9.30	B 24	J. Hannan
<b>SECOND YEAR:</b>					
337	Trade, Theory and Practice—II ...	Friday	7.30-9.30	C 12	P. McKenna
336	Trade, Theory and Practice—I & II	Mon.	7.30-9.30	C 12	R. McNamara
344	Drawing and Design—II ... ..	Tues.	7.30-9.30	B 24	J. Hannan
<b>THIRD AND FOURTH YEARS:</b>					
338	Trade Theory and Practice—III & IV ... ..	Wed.	7.30-9.30	C 12	R. McNamara
339	Trade, Theory and Practice—III & IV ... ..	Thurs.	7.30-9.30	C 12	R. McNamara
346	Drawing and Design—III ... ..	Mon.	7.30-9.30	B 24	J. Hannan

**E/105. EVENING COURSE IN PAINTING AND DECORATING**

<b>FIRST YEAR:</b>					
340	Trade Practice—I ... ..	Mon.	7.30-9.30	C 11	J. Kenny
341	Trade Theory ... ..	Thurs.	7.30-9.30	B 24	P. Gordon
342	Drawing and Design—I ... ..	Wed.	7.30-9.30	B 24	J. Hannan
<b>SECOND YEAR:</b>					
343	Trade, Theory and Practice—II ...	Wed.	7.30-9.30	C 11	P. Gordon
344	Drawing and Design—II ... ..	Tues.	7.30-9.30	B 24	J. Hannan
<b>THIRD YEAR:</b>					
345	Trade, Theory and Practice—III ...	Tues.	7.30-9.30	C 11	P. Gordon
346	Drawing and Design—III ... ..	Mon.	7.30-9.30	B 24	J. Hannan
<b>FOURTH YEAR:</b>					
347	Trade, Theory and Practice—IV ...	Thurs.	7.30-9.30	C 11	J. Kenny
348	Trade, Theory and Practice—IV ...	Friday	7.30-9.30	C 11	J. Kenny

**E/106. EVENING COURSE IN PLUMBING**

<b>FIRST YEAR:</b>					
349	Trade, Theory and Drawing—I ...	Thurs.	7.30-9.30	B 26	D. Rooney
350	Trade, Practice—I ... ..	Tues.	7.30-9.30	D 11	J. Bartley
<b>SECOND YEAR:</b>					
351	Trade, Theory and Drawing—II ...	Mon.	7.30-9.30	B 26	D. Rooney
352	Trade, Practice—II ... ..	Fri.	7.30-9.30	D 11	J. Bartley
<b>THIRD YEAR:</b>					
353	Trade, Theory and Drawing—III	Fri.	7.30-9.30	B 26	P. Bolton
354	Trade, Practice—III ... ..	Wed.	7.30-9.30	D 11	P. Bolton
<b>FOURTH YEAR:</b>					
355	Trade, Theory and Drawing—IV ...	Wed.	7.30-9.30	B 26	J. Bolton
356	Trade Practice—IV ... ..	Mon.	7.30-9.30	D 11	P. Bolton
<b>FIFTH YEAR:</b>					
357	Trade Practice—V ... ..	Thurs.	7.30-9.30	D 11	P. Bolton

**E/107. EVENING COURSE IN VEHICLE BUILDING**

Class Nos.	Subject	Day	Hour	Room	Teacher
<b>INTRODUCTORY YEAR:</b>					
312	Woodwork, Practice—Intro. B ...	Thurs.	7.30-9.30	B 20	—
313	Geometry and Calculations—I B ...	Mon.	7.30-9.30	B 17	—
<b>FIRST YEAR:</b>					
358	Trade, Practice—I ... ..	Tues.	7.30-9.30	C 17	G. O'Toole
359	Trade, Theory and Drawing—I ...	Mon.	7.30-9.30	C 2	P. O'Reilly
360	Science and Calculations—I A ...	Wed.	7.30-9.30	B 18	—
<b>SECOND YEAR:</b>					
361	Trade, Practice—II ... ..	Thurs.	7.30-9.30	C 17	G. O'Toole
362	Trade, Theory and Drawing—III ...	Fri.	7.30-9.30	C 2	P. O'Reilly
360	Science and Calculations—I A ...	Wed.	7.30-9.30	B 18	—
<b>THIRD YEAR:</b>					
363	Trade, Practice—III & IV ... ..	Mon.	7.30-9.30	C 17	G. O'Toole
364	Trade, Theory and Drawing—III ...	Tues.	7.30-9.30	C 2	P. O'Reilly
365	Science and Calculations—I B ...	Thurs.	7.30-9.30	B 18	—
<b>FOURTH YEAR:</b>					
363	Trade, Practice—III & IV ... ..	Mon.	7.30-9.30	C 17	G. O'Toole
366	Trade, Theory and Drawing—IV ...	Wed.	7.30-9.30	C 2	P. O'Reilly
365	Science and Calculations—I B ...	Thurs.	7.30-9.30	B 18	—

**E/108. EVENING COURSE IN WOODCUTTING MACHINISTS' WORK**

Class No.	Subject	Day	Hour	Room	Teacher
<b>FIRST YEAR:</b>					
367	Trade, Practice—I ... ..	Mon.	7.30-9.30	C 18	J. Wall
368	Trade, Theory and Drawing—I ...	Fri.	7.30-9.30	C 20	J. Wall
<b>SECOND YEAR:</b>					
369	Trade, Practice—II ... ..	Fri.	7.30-9.30	C 18	F. Fitzpatrick
370	Trade, Theory and Drawing—II ...	Wed.	7.30-9.30	B 28	J. Wall
<b>THIRD YEAR:</b>					
371	Trade, Practice—III ... ..	Thurs.	7.30-9.30	C 18	F. Fitzpatrick
372	Trade, Theory and Drawing—III & IV ... ..	Tues.	7.30-9.30	C 20	J. Wall
<b>FOURTH YEAR:</b>					
373	Trade, Practice—IV ... ..	Wed.	7.30-9.30	C 18	F. Fitzpatrick
372	Trade, Theory and Drawing—III & IV ... ..	Tues.	7.30-9.30	C 20	J. Wall

**E/109. EVENING COURSE IN COACHTRIMMING**

FIRST, SECOND, THIRD, AND FOURTH YEARS:

Class No.	Subject	Day	Hour	Room	Teacher
374	Trade, Theory and Practice ...	Wed.	7.30-9.30	C 17	S. McConaill
375	Trade, Theory and Practice ...	Fri.	7.30-9.30	C 17	S. McConaill

**E/110. EVENING COURSE IN PLASTERING**

FIRST YEAR:					
376	Trade, Practice-I ... ..	Mon.	7.30-9.30	D 16	L. Comerford
377	Trade, Theory and Drawing-I ...	Fri.	7.30-9.30	C 21	W. Saunders
SECOND YEAR:					
378	Trade, Practice and Theory-II ...	Tues.	7.30-9.30	D 16	L. Comerford
379	Trade, Practice and Theory-II ...	Thurs.	7.30-9.30	D 16	L. Comerford
THIRD AND FOURTH YEARS:					
380	Trade, Practice and Theory-III & IV ... ..	Wed.	7.30-9.30	D 16	L. Comerford
381	Trade, Practice and Theory-III & IV ... ..	Fri.	7.30-9.30	D 16	L. Comerford

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