

1964

Architecture and Building: Courses and Timetables Session 1964-65

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 1

Courses and Timetables

SESSION 1964-65

CALENDAR—SESSION 1964-65

- 1964—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.
- 28 Monday - Other Day Courses commence. Evening Courses commence.
- OCT. 21 Wednesday Votive Mass. Day Classes closed.
- DEC. 8 Tuesday - *Feast of the Immaculate Conception.* Day Classes closed.
- 18 Friday - Final Class Meetings before Christmas Vacation.
- 1955—JAN. 4 Monday - All Classes resume after Christmas Vacation. Fifth Year Courses in Architecture commence.
- 6 Wednesday *Feast of Epiphany.* All Day Classes closed.
- MAR. 13 Saturday - Fieldwork in connection with Evening Classes in Surveying and Levelling commences.
- 17 Wednesday *St. Patrick's Day.* School closed.
- APRIL 13 Tuesday - Final Class Meetings before Easter Vacation. Final Meetings of Evening Classes. Final Meetings of Day Classes in Health Inspectors' Diploma Course.
- 26 Monday - Day Classes resume work after Easter Vacation.
- MAY 27 Thursday - *Ascension Day.* School closed.
- JUNE 4 Friday - Final Meetings of Day Classes in Architecture, Surveying and Building Technology.
- 7 Monday - *Whit Monday.* School closed.
- 8 Tuesday - Sessional Examinations commence.
- 17 Thursday - *Feast of Corpus Christi.* School closed.
- 25 Friday - End of Session.

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

COLLEGE OF TECHNOLOGY BOLTON STREET

Principal:

DONAL F. O'DWYER, B.A.R.C.H., F.R.I.A.I.

Vice-Principal:

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DEPARTMENT OF ARCHITECTURE AND BUILDING

Head of Department:

THE PRINCIPAL

Assistant Head of Department: ALBERT J. BRADY, B.A.R.C.H., M.R.I.A.I.

Departmental Assistant (Architecture and Town Planning):

J. J. O'KEEFE, B.A.R.C.H., M.R.I.A.I.

Departmental Assistant (Surveying and Building Technology):

C. W. PARFITT, A.R.I.C.S., M.R.S.H., A.I.A.R.B.

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
Architectural Drawing and Design—I	11½
Theory of Architecture—I	1
Building Technology (Theory)	1
History of Architecture—I	2½
Building Construction—I	4
Architectural Free Drawing and Modelling—I	4
Mathematics—I	2
Science—I (Physics and Chemistry)	2½
Mechanics	1½
Geometry	2
Logic and Philosophy	½
Total Hours per Week	32½

SECOND YEAR

Subject	Hours per Week
Architectural Drawing and Design—II	14½
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	1½
Craft Work	2
Cosmology; Psychology	½
Total Hours per Week	32½

THIRD YEAR

Subject	Hours per Week
Architectural Drawing and Design—III	16½
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	3
Craft Work	2½
Ethics	½
Total Hours per Week	32½

FOURTH YEAR

Subject	Hours per Week
Architectural Drawing and Design—IV	19½
Theory of Architecture—IV	1
Irish Art and Architecture	1
Building Construction—IV	2
Building Services—II	1½
Architectural Free Drawing and Modelling—IV	2
Structural Engineering—II	3
Professional Practice and Legal Subjects—I	2
Ethics	½
Total Hours per Week	32½

FIFTH YEAR

Subject	Hours per Week
Architectural Drawing and Design—V	26½
Town Planning (Theory)	1
Structural Engineering—III	2
Professional Practice and Legal Subjects—II	2
Specifications	1
Total Hours per Week	32½

Notes—1. The 1st, 2nd, 3rd and 4th years of the Course will be of three terms' duration, commencing in September and ending in June.
2. The 5th year of the Course will be of two terms' duration, commencing in January and ending in June

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

Class No.	Subject	Day Classes		Evening Classes		
		Hrs./week	Day	Time	Room	
FIRST YEAR:						
	Architectural Drawing and Design—I	8				
	History of Architecture—I	2½				
	Free Drawing and Modelling	2				
402B/2	Building Construction—I B		Fri.	7.30-10.0	A 5	
402B/1	Building Construction—I B		Tues.	8.30-10.0	A 5	
403B	Building Science—I B ...		Tues.	7.00-8.30	A 26	
SECOND YEAR:						
	Architectural Design—II ...	9				
	History of Architecture—II	1				
	Free Drawing and Modelling—II	3				
406/2	Building Construction—II ...		Thurs.	7.30-10.0	A 11	
407	Mechanics		Tues.	7.00-8.30	A 20	
406/1	Building Construction—II ...		Tues.	8.30-10.0	A 11	
409	Surveying and Levelling—I		Mon.	7.30-10.0	A 3	
THIRD YEAR:						
	Architectural Design—III ...	9				
	History of Architecture—III	1				
	Free Drawing and Modelling—III	3				
411	Building Construction—III		Wed.	7.30-10.0	A 11	
413	Building Services—I		Tues.	7.00-8.30	A 4	
414/415	Strength of Materials and Theory of Structures ...		Tues.	8.30-10.0	A 3	
FOURTH YEAR:						
	Architectural Design—IV ...	12				
417	Building Construction—IV ...		Wed.	7.30-10.0	A 11	
420	Structural Engineering—I (Adv.)		Tues.	7.00-8.30	A 3	
421	Building Services—II ...		Tues.	8.30-10.0	A 4	
FIFTH YEAR:						
	Architectural Design—V ...	12				
	Professional Practice—I ...	2				
421	Structural Engineering—II (Adv.)		Tues.	7.00-8.30	A 3	
SIXTH YEAR:						
	Architectural Design—VI ...	12				
	Professional Practice—II ...	2				
	Specifications	1				

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

D/2. WHOLE-TIME COURSES IN BUILDING TECHNOLOGY

COURSE A

Subject	Hours per Week		
	1st Year	2nd Year	3rd Year
Mathematics	3½	5½	—
English	4½	4½	—
Economics	3	3	—
Principles of Accounts	4½	3	—
General Science	4½	4½	—
Building Construction	6	4½	8½
Surveying and Levelling	3	4½	4½
Maintenance and Repair of Buildings ...	—	—	3
Office Routine and Book-keeping ...	—	—	1½
History of Building and Structure of the Industry	—	—	3
Building Services	—	—	4½
Quantities and Estimating	—	—	4½
Philosophy	¾	¾	¾
Total Hours per Week	30	30	30

Note—Students sit for the G.C.E. Examination at the end of the second year and then continue into the third and fourth years of the course to sit the Intermediate and Final Part I of the Associateship Examination of the Institute of Builders.

This course commenced during session 1962/63.

COURSE B

Subject	Hours per Week 1st Year
Office Routine and Book-keeping	5½
History of Building and Structure of the Industry	4½
Building Construction	9
Building Services	4½
Quantities	4½
Economics	1½
Philosophy	¾
Total Hours per Week	30

Note—Students sit for the Intermediate Examination of the Institute of Builders at the end of the second year and then continue into the third year of the course to sit the Final Part I Examination. This course operates for the first time this session.

D/3 (A). WHOLE-TIME COURSE IN GENERAL SURVEYING

Subject	Hours per Week			
	1st Year (1st & 2nd Term)	1st Year (3rd Term) 2nd Year (Terms 1 & 2)	2nd Year (3rd Term) 3rd Year (Terms 1 & 2)	3rd Year (3rd Term) 4th Year (Terms 1 & 2)
Valuations	3	3	3½	4½
Estate Management	—	—	—	7½
Economics	3	3	—	—
Law of Property I	2½	3	—	—
Law of Property II	—	—	3	—
Local Government Law	—	—	3	—
Elements of Irish Law	3	2½	—	—
Administrative Law	—	—	—	4½
National and Local Taxation	—	—	4½	—
Town and Country Planning	—	—	4½	—
Arbitrations	—	—	—	1½
Report Writing	—	—	—	1½
Basic Photography	—	—	—	1½
Building Construction and Materials	7½	9	6	—
Building Services	—	1½	1½	—
Maintenance and Repair of Buildings	—	—	—	5½
Practical Task	3	3	3	3
Surveying and Levelling	4½	4½	—	—
General Science	3	—	—	—
Philosophy	¾	¾	—	—
Ethics	—	—	¾	¾
Total Hours per Week	30	30	30	30

Notes—1. "Practical Task" is instruction related to the submission of a thesis by the students to the R.I.C.S. as part of their examination.

2. Students sit for the First Examination of the R.I.C.S. at the end of the second term of the second year, the Intermediate Examination at the end of the third year and then continue with the course to prepare for the Final Examination.

D/3 (B). PART-TIME COURSE IN GENERAL SURVEYING

Class No.	Subject	Day Classes	Evening Classes		
		Hrs./wk.	Day	Time	Room
402B/2 402B/1	FIRST YEAR (TERMS 1 & 2):				
	Building Construction—IB		Fri.	7.30-10.0	A 5
	Building Construction—IB		Tues.	8.30-10.0	A 5
	Economics	1½			
	Valuations	1½			
	Law of Property—I	1½			
	Elements of Irish Law	1½			
Total Hours per Week ...		6		4	
407 406/2 406/1 409/B	FIRST YEAR (TERM 3) & SECOND YEAR (TERMS 1 & 2):				
	Mechanics		Tues.	7.00-8.30	A 20
	Building Construction—II		Thurs.	7.30-10.0	A 11
	Building Construction—II		Tues.	8.30-10.0	A 11
	Surveying and Levelling—I		Fri.	7.30-10.0	A 3
	Economics	1½			
	Valuations	1½			
Law of Property—I	1½				
Elements of Irish Law	1½				
Total Hours per Week ...		6		8	
440 441 410 416/B	SECOND YEAR (TERM 3) & THIRD YEAR (TERMS 1 & 2):				
	Town and Country Planning		Mon.	7.00-8.30	A 7
	National and Local Taxation		Mon.	8.30-10.0	A 7
	Building Construction—III		Wed.	7.30-10.0	A 11
	Surveying and Levelling		Thurs.	7.30-10.0	A 3
	Valuations	1½			
	Building Services	1½			
Law of Property—II	1½				
Local Government Law	1½				
Total Hours per Week ...		6		8	
	THIRD YEAR (TERM 3) & FOURTH YEAR (TERMS 1 & 2):				
	Valuations	1½			
	Estate Management	1½			
	Administrative Law	1½			
	Arbitrations	1½			
Total Hours per Week ...		6		—	

Note—With the exception of "National and Local Taxation" and "Town and Country Planning" the evening classes are concurrent with those of the Building Technology Evening Course.

D/4 (A). WHOLE-TIME COURSE IN QUANTITY SURVEYING

Subject	Hours per Week			
	1st Year (1st & 2nd Terms)	1st Year (3rd Term) 2nd Year (Terms 1 & 2)	2nd Year (Term 3) 3rd Year (Terms 1 & 2)	3rd Year (Term 3) 4th Year (Terms 1 & 2)
Quantities	6	8½	6½	6
Economics	1½	1½	1½	—
Arbitrations	—	—	—	1½
Principles of Law	3	1½	1½	—
Principles of Law of Contract	—	—	—	1½
Analysis of Builders' Prices	—	—	1½	3½
Principles of Structural Design	1½	1½	3	—
Building Construction and Materials	9½	7½	7½	6
Specifications	—	—	—	3
Building Services I	1½	1½	1½	—
Building Services II	—	—	—	3
Practical Task	3	3	1½	3
Surveying and Levelling	—	4½	4½	—
Basic Photography	—	—	—	1½
General Science	3	—	—	—
Philosophy	¾	¾	¾	¾
Ethics	—	—	¾	¾
Total Hours per Week	30	30	30	30

- Notes—1. "Building Services I" includes water supplies, sanitary fittings and their wastes and soils and underground drainage and sewage disposal systems.
 2. "Building Services II" includes electrical, heating and ventilation installations and sound insulation construction.
 3. "Practical Task" instruction is related to submission of a thesis by the students to the R.I.C.S. between Intermediate and Final Part I Examinations.
 4. Students sit for the Intermediate Examination of the R.I.C.S. at the end of the second term of the third year, and then continue with the course to prepare for the Final Part I Examination.

D/4 (B). PART-TIME COURSE IN QUANTITY SURVEYING

Class No.	Subject	Day Classe	Evening Classes		
		Hrs./wk.	Day	Time	Room
402B/1	FIRST YEAR (Terms 1 & 2) Building Construction—IB		Tues.	8.30-10.0	A 5
402B/2	Building Construction—IB		Fri.	7.30-10.0	A 5
	Economics	1½			
	Quantities	3			
	Principles of Law	1½			
	Total Hours per Week	6		4	
	FIRST YEAR (Term 3) and Second Year (Terms 1 & 2)				
408	Quantities		Wed.	7.00-8.30	A 4
406/2	Building Construction—II		Thurs.	7.30-10.0	A 11
406/1	Building Construction—II		Tues.	8.30-10.0	A 11
407	Mechanics		Tues.	7.00-8.30	A 20
409/B	Surveying and Levelling—I		Fri.	7.30-10.0	A 3
	Economics	1½			
	Quantities	3			
	Principles of Law	1½			
	Total Hours per Week	6		9½	

D/4(B). Part-time Course in Quantity Surveying (Contd.).

Class No.	Subject	Day Classes	Evening Classes		
		Hrs./week	Day	Time	Room
	SECOND YEAR (TERM 3) & THIRD YEAR (TERMS 1 & 2):				
410	Building Construction—III		Wed.	7.30-10.0	A 11
413	Building Services—I		Tues.	7.00-8.30	A 4
414/415	Strength of Materials and Theory of Structures		Tues.	8.30-10.0	A 3
416/B	Surveying and Levelling—II		Thurs.	7.30-10.0	A 3
412	Quantities—II		Fri.	8.30-10.0	A 4
411	Estimating—I		Fri.	7.00-8.30	A 4
	Quantities	3			
	Economics	1½			
	Principles of Law	1½			
	Total Hours per Week	6		11	
	THIRD YEAR (TERM 3) & FOURTH YEAR (TERMS 1 & 2):				
417	Building Construction—IV		Wed.	7.30-10.0	A 11
421	Building Services—II		Tues.	8.30-10.0	A 4
418	Estimating—II		Thurs.	7.00-8.30	A 4
	Principles of Law of Contract Arbitrations	1½			
	Specifications	1½			
	Total Hours per Week	6		5½	

Note—Evening classes are concurrent with those of the Building Technology Evening Course.

D/5. WHOLE-TIME COURSE IN LAND SURVEYING

Subject	Hours per Week First Year
Pure Mathematics	3
Applied Mathematics	3
Physics	3
Map Reading	1½
Chain Surveying and Levelling	9½
Plotting and Fair Drawing	4½
Elementary Astronomy	1½
Practical Task	3
Philosophy	¾
Total Hours per Week	30

- Notes—1. "Practical Task" is instruction related to submission of a thesis by the students to the R.I.C.S. as part of their examinations.
 2. This course operates for the first time this session.

D/6. PART-TIME COURSE IN TOWN AND COUNTRY PLANNING

Class No.	Subject	Day Classes	Evening Classes		
		Hrs./wk.	Day	Time	Room
FIRST YEAR:					
433	Town Planning Practice ... Historical Development of Planning	6½	Thurs.	8.30-10.00	A 6
434	Elements of Applied Geology and Economic Geography ...		Thurs.	8.30-10.00	A 6
435	Planning Theory		Thurs.	7.00-8.30	A 6
436	Civil Engineering in relation to Planning ¹		Wed.	8.30-10.00	A 6
437	Architectural Design in relation to Planning ²		Wed.	7.00-8.30	A 6
Total Hours per Week ...		6½		4½	
SECOND YEAR:					
438	Town Planning Practice ...	6½	Tues.	8.30-10.00	A 6
439	Law in relation to Planning ...		Mon.	8.30-10.00	A 6
440	Civil Engineering in relation to Planning ¹		Mon.	8.30-10.00	A 6
441	Planning Theory		Mon.	7.00-8.30	A 6
442	Economics of Land Use ...		Tues.	7.00-8.30	A 6
Total Hours per Week ...		6½		6	

¹To be taken by architect students only.
²To be taken by engineer students only.

D/7 (A). HEALTH INSPECTORS' DIPLOMA COURSE

Subject	Hours per Week	
	2nd Year	3rd Year
Public Health Law and Administration	3	4½
Water Supplies	2	1½
Drainage and Sewerage	1½	1½
Food Inspection	4½	5
Building Construction	3	2
Microbiology	3	3½
Tutorial	2	1
Anatomy and Physiology	2	—
Statistical Mathematics	1	—
Vital Statistics	—	1
Entomology and Parasitology	3½	—
Pest Control	—	1½
Offensive Trades	1	—
Public Cleansing	—	1½
Infectious Diseases	—	1½
Atmospheric Pollution	—	3
Heating, Lighting and Ventilation	—	2
Specifications, Quantities and Estimating	—	2½
Surveying and Levelling	1½	—
Building Science	1½	—
Physics and Chemistry	3	—
Ethics	1	—
Logic	—	1
Total Hours per Week	33½	33

Note—As there will be no new intake of students for October, 1964, only the second and third years of the course will be in operation during the session 1964/65. The third year develops for the first time this session.

2. TECHNOLOGICAL AND TECHNICIAN COURSES (EVENING)

E1. EVENING COURSE IN BUILDING TECHNOLOGY

Class No.	Subject	Day	Time	Room	Teacher
INTRODUCTORY YEAR:					
400	Building Draughtsmanship ...	Mon.	7.30-10.0	A 11	P. Doyle
401	Mathematics—I	Tues.	7.00-8.30	A 5	F. Patterson
FIRST YEAR—GROUP A:					
402A/1	Building Construction—IA (Elem.)	Tues.	7.00-8.30	A 11	W. Gilligan
403A	Building Science—IA	Tues.	8.30-10.0	A 26	D. O'Sullivan
402A/2	Building Construction—IA (Elem.)	Fri.	7.30-10.0	A 11	W. Gilligan
404A	Mathematics—IIA	Mon.	7.00-8.30	A 4	F. Patterson
FIRST YEAR—GROUP B:					
402B/1	Building Construction—IB (Elem.)	Tues.	8.30-10.0	A 5	P. Doyle
402B/2	Building Construction—IB (Elem.)	Fri.	7.30-10.0	A 5	P. Doyle
403B	Building Science—IB	Tues.	7.00-8.30	A 26	D. O'Sullivan
404B	Mathematics—IIB	Mon.	8.30-10.0	A 4	F. Patterson
SECOND YEAR—GROUP A:					
406A/1	Building Construction—II (Inter.)	Tues.	8.30-10.0	A 11	D. Ryan
407/A	Mechanics	Tues.	7.00-8.30	A 20	G. Monaghan
406A/2	Building Construction—II ...	Thurs.	7.30-10.0	A 11	D. Ryan
409/A	Surveying and Levelling—I ...	Fri.	7.30-10.0	A 3	Cpt. Walsh
408/A	Quantities—I	Wed.	7.00-8.30	A 4	P. Duffy
SECOND YEAR—GROUP B:					
406B/1	Building Construction—II ...	Mon.	7.30-10.0	A 6	D. Ryan
407/B	Mechanics	Thurs.	7.00-8.30	A 20	C. Monaghan
406B/2	Building Construction—II ...	Wed.	7.00-8.30	A 6	D. Ryan
409/B	Surveying and Levelling—I ...	Tues.	7.30-10.0	A 3	Cpt. Walsh
408/B	Quantities—I	Wed.	8.30-10.0	A 4	P. Duffy
THIRD YEAR:					
410	Building Construction—III (Inter.)	Wed.	7.30-10.0	A 11	S. Rothery
411	Estimating—I	Fri.	7.00-8.30	A 4	P. Duffy
412	Quantities—II (Adv.)	Fri.	8.30-10.0	A 4	P. Duffy
413	Building Services—I	Tues.	7.00-8.30	A 4	D. Ryan
414/415	Strength of Materials and Theory of Structures (Inter.)	Tues.	8.30-10.0	A 3	W. O'Brien
FOURTH YEAR:					
417	Building Construction—IV (Adv.)	Wed.	7.30-10.0	A 11	S. Rothery
418	Estimating—II	Thurs.	7.00-8.30	A 4	P. Duffy
419	Quantities—III (Adv.)	Thurs.	8.30-10.0	A 4	P. Duffy
420	Structural Engineering—I (Adv.)	Tues.	7.00-8.30	A 3	W. O'Brien
421	Building Services—II	Tues.	8.30-10.0	A 4	P. Clonan

E1. Evening Course in Building Technology (Contd.).

Class No.	Subject	Day	Time	Room	Teacher
422	FIFTH YEAR: Building Practice and Law ...	Wed.	8.30-10.0	A 4	C. Parfitt
423	Structural Engineering—II (Adv.)	Tues.	7.00-8.30	A 3	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 LAND-SURVEYING AND LEVELLING

409/C	FIRST YEAR: Surveying and Levelling—I ...	Mon.	7.30-10.0	A 3	Cpt. Walsh
416/A	SECOND YEAR: Surveying and Levelling—II ...	Wed.	7.30-10.0	A 3	Cpt. Walsh

E3. EVENING COURSE IN TIMBER TECHNOLOGY

Class No.	Subject	Day	Time	Room	Teacher
430	FIRST YEAR: Timber Technology—I	Thurs.	7.30-9.30	A 7	L. Gallagher
431	SECOND YEAR: Timber Technology—II	Tues.	7.30-9.30	—	—
432	THIRD YEAR: Timber Technology—III	Mon.	7.30-9.30	B 35	L. Gallagher

E4. ARCHITECTURAL DESIGN

439/1	Architectural Design	Mon.	7.00-10.0	A 2	S. Stephenson
439/2	Architectural Design	Fri.	7.00-10.0	A 2	S. Stephenson
Total Hours per Week ...		6			

3. TRADE COURSES (DAY)

D/101. BRICKLAYING (WHOLE-TIME)

Subject	Hours per Week	
	1st Year	2nd Year
Trade—Theory and Practice	16½	21
Science	3	—
Technical Drawing	2	2
Mathematics	1½	2½
English	1	—
Irish	1½	—
Religious Instruction and Debate	2½	2½
Physical Education and Swimming	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).

FURNITURE TRADE—DAY RELEASE CLASSES

Class No.	Subject	Hours per Week
D/102A	CABINETMAKING, CHAIRMAKING: Trade Practice	3
	Trade Theory	2
	Drawing and Design	3½
D/102B	WOODFINISHING (Linen Hall): Trade Practice	3
	Trade Theory	2
	Drawing and Design	3½
D/102C	UPHOLSTERY (Linen Hall): Trade Practice	3
	Trade Theory	2
	Drawing and Design	3½

Note—Students attend one day (6½ hours) and one evening (2 hours) per week.

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

Subject	Hours per Week
FIRST YEAR:	
Geometry	1
Trade Theory and Drawing—I	2½
Trade Practice—I	3
SECOND YEAR:	
Geometry	1
Trade Theory and Drawing—II	2½
Trade Practice—II	3
THIRD YEAR:	
Geometry	1
Trade Theory and Drawing—III	2½
Trade Practice—III	3
FOURTH YEAR:	
Geometry	1
Trade Theory and Drawing—IV	2½
Trade Practice—IV	3
FIFTH YEAR:	
Geometry	1
Trade Theory and Drawing—V	2½
Trade Practice—V	3

D/104. COACHPAINTING (PART-TIME DAY)
(LINEN HALL)

Subject	Hours per Week
FIRST—FOURTH YEARS:	
Trade, Theory and Practice	6½
Drawing and Design	1½
Religious Knowledge	¾

Note—Students attend one day (6½ hours) and one evening (2 hours) per week.

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

Subject	Hours per Week
FIRST—FOURTH YEARS:	
Trade, Theory and Practice	6½
Drawing and Design	1½
Religious Knowledge	¾

Note—Students attend one day (6½ hours) and one evening (2 hours) per week.

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

Subject	Hours per Week	
	1st Year	2nd Year
Trade, Theory and Practice	16½	19½
Science	3	1½
Technical Drawing	2	2
Mathematics	1½	2½
English	1	—
Irish	1½	—
Religious Instruction and Debate	2½	2½
Physical Education and Swimming	2	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
FIRST YEAR:	
Trade Practice—I	3½
Trade, Theory and Drawing—I	3
SECOND YEAR:	
Trade Practice—II	3½
Trade, Theory and Drawing—II	3
THIRD AND FOURTH YEARS:	
Trade Practice—III & IV	3½
Trade, Theory and Drawing—III & IV	3

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

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

Class No.	Subject	Day Classes	Evening Classes		
		Hrs./week	Day	Time	Room
FIRST YEAR:					
641	Geometry—I	1½			
	Trade, Practice and Drawing—I	5			
642	Trade, Theory and Drawing—I		Wed.	7.30-9.30	B 23
	Science and Calculations—I		Fri.	7.30-9.30	A 26

D/107. Vehicle Building (Part-time Day and Evening)—Contd.

Class No.	Subject	Day Classes	Evening Classes		
		Hrs./week	Day	Time	Room
SECOND YEAR:					
644	Geometry—II	1½			
	Trade, Practice—II	3			
	Welding—II	2			
645	Trade, Theory and Drawing—II		Thurs.	7.30-9.30	B 23
	Science and Calculations—II		Wed.	7.30-9.30	A 26
THIRD YEAR:					
647	Trade, Theory—III	1½			
	Trade, Practice—III	3			
	Welding—III	2			
648	Trade, Theory and Drawing—III		Fri.	7.30-9.30	B 23
	Science and Calculations—III		Mon.	7.30-9.30	A 26
FOURTH YEAR:					
650	Trade, Theory—IV	1½			
	Trade, Practice—IV	3			
	Welding—IV	2			
	Trade, Theory and Drawing—IV		Tues.	7.30-9.30	B 23
FIFTH YEAR:					
	Trade, Theory—V	1½			
	Trade, Practice—V	3			
	Welding—V	2			

D/107A. VEHICLE TRIMMING
(LINEN HALL)

Subject	Hours per Week
FIRST—FOURTH YEARS:	
Trade, Theory and Practice	5½
Geometry and Calculations	2
Religious Knowledge	¾

Note—Students attend one day (6½ hours) and one evening (2 hours) per week.

D/108. WOODCUTTING MACHINISTS' WORK (PART-TIME DAY RELEASE)

Class No.	Subject	Hours per Week
FIRST YEAR:		
541	Trade, Theory and Drawing—I	3½
540	Trade, Practice—I	3
SECOND YEAR:		
543	Trade, Theory and Drawing—II	3½
542	Trade, Practice—II	3

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	Time	Room	Teacher	
FIRST YEAR:						
500	Trade Practice—I	Fri.	7.30-9.30	LINEN HALL	Mr. D. Cox	
501	Trade Drawing and Theory—I ...	Mon.	7.30-9.30		Mr. D. Cox	
SECOND YEAR:						
502	Trade Practice—II	Wed.	7.30-9.30		Mr. J. Farrell	
503	Trade Theory—II	Tues.	7.30-9.30		Mr. J. Farrell	
THIRD YEAR:						
504	Trade Practice—III	Tues.	7.30-9.30		Mr. D. Cox	
505	Trade Drawing and Theory—III ...	Thurs.	7.30-9.30	Mr. J. Farrell		
FOURTH YEAR:						
506	Trade Practice—IV	Tues.	7.30-9.30	Mr. D. Cox		
507	Trade Drawing and Theory—IV ...	Thurs.	7.30-9.30	Mr. J. Farrell		

E/102. EVENING COURSE IN CABINETMAKING

Class No.	Subject	Day	Time	Room	Teacher
THIRD YEAR:					
620	Furniture Design—III	Mon.	7.30-9.30	B 23	L. Milner
621	Trade Theory—III	Tues.	7.30-9.30	B 25	—
622	Trade Practice—III	Wed.	7.30-9.30	B 25	—
FOURTH YEAR:					
623	Furniture Design—IV	Mon.	7.30-9.30	B 23	L. Milner
624	Trade Theory—IV	Tues.	7.30-9.30	B 25	—
625	Trade Practice—IV	Thurs.	7.30-9.30	B 25	—

E/103. EVENING COURSE IN CARPENTRY AND JOINERY

Class No.	Subject	Day	Time	Room	Teacher
FIRST YEAR:					
522A	Trade Practice—IA	Fri.	7.30-9.30	C 14	J. O'Byrne
523A	Geometry and Calculations—IA ...	Tues.	7.30-8.30	C 22	B. Dunne
524A	Trade Theory and Drawing—IA ...	Tues.	8.30-10.0	C 22	B. Dunne
SECOND YEAR:					
522B	Trade Practice—IB	Fri.	7.30-9.30	C 15	—
524B	Trade Theory and Drawing—IB ...	Tues.	7.30-9.00	A 6	—
523B	Geometry and Calculations—IB ...	Tues.	9.00-10.0	A 6	—
THIRD YEAR:					
525A	Trade Practice—II A	Mon.	7.30-9.30	C 14	J. O'Byrne
527A	Craft Science—Elem. A	Thurs.	7.30-8.30	A 22	—
526A	Trade Theory and Drawing—II A ...	Thurs.	8.30-10.0	C 22	B. Dunne
FOURTH YEAR:					
525B	Trade Practice—II B	Mon.	7.30-9.30	C 15	—
526B	Trade Theory and Drawing—II B ...	Thurs.	7.30-9.00	A 6	—
527B	Craft Science—Elem. B	Thurs.	9.00-10.0	A 22	—

E/103. Evening Course in Carpentry and Joinery—Contd.

Class No.	Subject	Day	Time	Room	Teacher
THIRD YEAR:					
528A	Trade Practice—III A	Wed.	7.30-9.30	C 14	J. O'Byrne
529A	Trade Theory and Drawing—III A ...	Fri.	7.30-9.30	C 22	J. McGuirk
528B	Trade Practice—III B	Wed.	7.30-9.30	C 15	B. Dunne
529B	Trade Theory and Drawing—III B ...	Fri.	7.30-9.30	A 6	—
FOURTH YEAR:					
530A	Trade Practice—IV A	Tues.	7.30-9.30	C 14	J. O'Byrne
531A	Trade Theory and Drawing—IV ...	Wed.	7.30-9.30	C 22	T. Bridgeman
405	Building Construction—1C	Mon.	7.30-9.30	C 22	W. Cantwell
530B	Trade Practice—IV B	Tues.	7.30-9.30	C 15	—
531B	Trade Theory and Drawing—IV ...	Wed.	7.30-9.30	C 22	—
405	Building Construction—1C	Mon.	7.30-9.30	C 22	W. Cantwell
FIFTH YEAR:					
532	Trade Practice—V	Thurs.	7.30-9.30	C 14	—
533	Trade Theory and Drawing—V ...	Wed.	7.30-9.30	A 6	—
440	Building Construction—1IC	Mon.	7.30-9.30	A 6	—

E/104. EVENING COURSE IN COACHPAINTING

Class No.	Subject	Day	Time	Room	Teacher	
FIRST YEAR:						
660	Trade Theory and Practice—I ...	Mon.	7.30-9.30	LINEN HALL	Mr. McNamara	
661	Trade Theory and Practice—I ...	Fri.	7.30-9.30		Mr. McNamara	
602	Drawing and Design—I	Tues.	7.30-9.30		—	
SECOND YEAR:						
662	Trade Theory and Practice—II ...	Mon.	7.30-9.30		Mr. McNamara	
663	Trade Theory and Practice—II ...	Fri.	7.30-9.30		Mr. McNamara	
605	Drawing and Design—II	Wed.	7.30-9.30		—	
THIRD YEAR:						
664	Trade Theory and Practice—III ...	Mon.	7.30-9.30	Mr. McNamara		
665	Trade Theory and Practice—III ...	Fri.	7.30-9.30	Mr. McNamara		
607	Drawing and Design—III	Thurs.	7.30-9.30	—		
FOURTH YEAR:						
666	Trade Theory and Practice—IV ...	Mon.	7.30-9.30	Mr. McNamara		
667	Trade Theory and Practice—IV ...	Fri.	7.30-9.30	Mr. McNamara		

E/105. EVENING COURSE IN PAINTING AND DECORATING

Class No.	Subject	Day	Time	Room	Teacher	
FIRST YEAR—A:						
600	Trade Practice—I	Tues.	7.30-9.30	LINEN HALL	—	
601	Trade Theory—I	Wed.	7.30-9.30		—	
602	Drawing and Design—I	Mon.	7.30-9.30		—	
FIRST YEAR—B:						
600	Trade Practice—I	Thurs.	7.30-9.30		—	
601	Trade Theory—I	Mon.	7.30-9.30		—	
602	Drawing and Design—I	Fri.	7.30-9.30		—	
SECOND YEAR—A:						
603	Trade Practice—II	Thurs.	7.30-9.30	Mr. J. Kenny		
604	Trade Theory—II	Fri.	7.30-9.30	—		
605	Drawing and Design—II	Tues.	7.30-9.30	—		
SECOND YEAR—B:						
603	Trade Practice—II	Fri.	7.30-9.30	—		
604	Trade Theory—II	Tues.	7.30-9.30	—		
605	Drawing and Design—II	Wed.	7.30-9.30	—		
THIRD YEAR:						
606	Trade Theory and Practice—III ...	Tues.	7.30-9.30	Mr. J. Kenny		
607	Drawing and Design—III	Thurs.	7.30-9.30	—		
FOURTH YEAR:						
608/9	Trade Theory and Practice—IV ...	and Wed.	7.30-9.30	—	Mr. J. Kenny	

E/106. EVENING COURSE IN PLUMBING

Class No.	Subject	Day	Time	Room	Teacher
FIRST YEAR:					
560	Trade, Theory and Drawing—I ...	Tues.	7.30-9.30	C 33	D. Rooney
561	Trade, Practice—I	Wed.	7.30-9.30	C 30	J. Bartley
SECOND YEAR:					
562	Trade, Theory and Drawing—II ...	Fri.	7.30-9.30	C 33	D. Rooney
563	Trade, Practice—II	Thurs.	7.30-9.30	C 30	J. Bartley
THIRD YEAR:					
564	Trade, Theory and Drawing—III	Thurs.	7.30-9.30	C 33	P. Bolton
565	Trade, Practice—III	Fri.	7.30-9.30	C 30	J. Bartley
FOURTH YEAR:					
566	Trade, Theory and Drawing—IV ...	Wed.	7.30-9.30	C 33	J. Bartley
567	Trade Practice—IV	Tues.	7.30-9.30	C 30	P. Bolton
FIFTH YEAR:					
568	Trade Practice—V	Mon.	7.30-9.30	C 31	P. Bolton
569	Trade Practice—V	Wed.	7.30-9.30	C 31	P. Bolton

E/107. EVENING COURSE IN VEHICLE BUILDING

Class Nos.	Subject	Day	Time	Room	Teacher
FIRST YEAR:					
640	Trade, Practice—I	Mon.	7.30-9.30	D 19	—
641	Trade, Theory and Drawing—I ...	Wed.	7.30-9.30	B 23	J. O'Toole
642	Science and Calculations—I ...	Fri.	7.30-9.30	A 26	M. Niall
SECOND YEAR:					
643	Trade, Practice—II	Mon.	7.30-9.30	D 19	—
644	Trade, Theory and Drawing—II ...	Thurs.	7.30-9.30	B 23	J. O'Toole
645	Science and Calculations—II ...	Wed.	7.30-9.30	A 26	M. Niall
THIRD YEAR:					
646	Trade, Practice—III	Wed.	7.30-9.30	D 19	—
647	Trade, Theory and Drawing—III ...	Fri.	7.30-9.30	B 23	J. O'Toole
648	Science and Calculations—III ...	Mon.	7.30-9.30	A 26	M. Niall
FOURTH YEAR:					
649	Trade, Practice—IV	Wed.	7.30-9.30	D 19	—
650	Trade, Theory and Drawing—IV ...	Tues.	7.30-9.30	B 23	J. O'Toole

E/108. EVENING COURSE IN WOODCUTTING MACHINISTS' WORK

Class No.	Subject	Day	Time	Room	Teacher
FIRST YEAR:					
540	Trade, Practice—I	Tues.	7.30-9.30	D 10	J. Wall
541	Trade, Theory and Drawing—I ...	Thurs.	7.30-9.30	A 5	J. Wall
SECOND YEAR:					
542	Trade, Practice—II	Fri.	7.30-9.30	D 10	M. McDonnell
543	Trade, Theory and Drawing—II ...	Wed.	7.30-9.30	A 5	J. Wall
THIRD YEAR:					
544	Trade, Practice—III	Thurs.	7.30-9.30	D 10	M. Bridgeman
545	Trade, Theory and Drawing—III & IV	Mon.	7.30-9.30	A 5	J. Wall
FOURTH YEAR:					
546	Trade, Practice—IV	Wed.	7.30-9.30	D 10	M. Bridgeman
547	Trade, Theory and Drawing—III & IV	Mon.	7.30-9.30	A 5	J. Wall

E/110. EVENING COURSE IN PLASTERING

Class No.	Subject	Day	Time	Room	Teacher	
FIRST YEAR:						
580	Trade, Practice—I	Mon.	7.30-9.30	LINEN HALL	Mr. L. Comerford	
581	Trade, Theory and Drawing—I ...	Fri.	7.30-9.30		Mr. Saunders	
SECOND YEAR:						
582	Trade, Practice and Theory—II ...	Tues.	7.30-9.30		Mr. L. Comerford	
583	Trade, Practice and Theory—II ...	Thurs.	7.30-9.30		Mr. L. Comerford	
THIRD AND FOURTH YEARS:						
584/6	Trade, Practice and Theory—III & IV	Wed.	7.30-9.30		Mr. L. Comerford	
585/7	Trade, Practice and Theory—III & IV	Fri.	7.30-9.30		Mr. L. Comerford	

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