

Leaflet No. 8.

COVENTRY LOCAL EDUCATION AUTHORITY

THE TECHNICAL COLLEGE

COVENTRY

Principal : H. V. Field, B.Sc., Wh.Sch., M.I.E.E.

SESSION 1950-51

MATRICULATION AND DEGREE.

Matriculation and General Certificate of Education (Science and Arts Courses) :

Full-time Day Course.
Part-time Day Course.
Evening Course.

Intermediate Science, Arts, Engineering and Metallurgy :

Full-time Day Course.
Part-time Day and Evening Course.

B.Sc. (Special) Chemistry :

Part-time Day and Evening Course.

B.Sc. (General) :

Part-time Day and Evening Course.

B.Sc. (Engineering) :

Full-time Day Course.
Part-time Day and Evening Course.

B.Sc. (Metallurgy) :

Part-time Day and Evening Course.

B.A.

W. L. CHINN, M.A.,

Director of Education.

Students should obtain a copy of Leaflet No. 1.

College Prospectus

The complete prospectus consists of a number of separate leaflets arranged and numbered as follows:—

- No. 1. General Information, College Regulations, Class and Course Fees.
- No. 2. Mechanical Engineering, and allied courses.
- No. 3. Electrical Engineering and Physics.
- No. 4. Building and allied trades.
- No. 5. Chemistry, Metallurgy, Textiles, Pharmacy, First Medical.
- No. 6. Commercial.
- No. 7. Liberal Studies and Foreign Languages.
- No. 8. Matriculation, General Certificate, and Degree courses.
- No. 9. Homecrafts, Bakery and Confectionery, Hairdressing.
- No. 10. Physical Education and Preliminary Courses.

Copies of the leaflets may be obtained at the College Office or the Education Office, Council House, Coventry.

College Office Hours : 8.30 a.m. to 7.30 p.m. on Mondays to Fridays.
8.30 a.m. to 12 noon on Saturdays.

College Telephone No. : Coventry 5032 or 5033.

College Refectory : Lunches daily from 12 to 1.30 p.m., except Saturdays.
Teas daily from 5 to 6.20 p.m., except Saturdays.

Note : Registered students of this College who enter for any external examination should inform the Principal.

MATRICULATION COURSE.

Full-time Day.

Attendance is on five days weekly for one year.
Two groups of subjects are offered:—

Group A : Mathematics, English, French or German, Physics, Chemistry and Biology.

Group B : Mathematics, English, French or German, History, and Geography.

MATRICULATION—FULL-TIME COURSE.

	Mon.	Tues.	Wed.	Thurs.	Fri.
Chemistry	10-11		2-5	10-11	
Physics		2-5		2-4.30	
Mathematics ..	3.30-5	10.30-12	9-10.30		10.30-12
English	2-3.30	9-10.30	10.30-12		1.30-3
French or German ..	9-10			9-10	9-10.30
German	11-12			11-12	3-4
Geography		3-5	1.30-3	3-4.30	
History		2-3	3-4.30	10-11 1.30-3	
Tutorial (Arts) ..	10-11				

Notes for Students :

Students must have reached an appropriate standard of education which will be judged from their day school record.

Students will take the University of London Matriculation Examination in June, 1951. After that date the General Certificate of Education Examination at Ordinary Level will be substituted for the Matriculation Examination, as a preliminary to studies at Advanced Level.

Part-time Day.

Matriculation (Second Year).

After the session 1950-51, this will be replaced by General Certificate of Education (Ordinary Level), Second Year.
Students enrolled in September, 1950, will take the University of London Matriculation Examination in June, 1951.

General Certificate of Education (First Year).

The subjects offered will be the same as for the Matriculation Examination, and students enrolled in September, 1950, will take the General Certificate Examination at Ordinary Level in June, 1952.

Attendance is on three half-days weekly. Exemption from the First Year course may be granted to students who have reached a specially high standard prior to entry. Subject grouping is as for full-time course.

**MATRICULATION AND GENERAL CERTIFICATE OF EDUCATION (Ord.)
PART-TIME COURSE.**

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
<i>First Year.</i>						
Chemistry		3-5.30				
Physics		8.30-11				
Mathematics						10.30-12.30
English						9-10.30
French or German		11-12 1.30-3				
Geography		9-11				
History		3-5				
<i>Second Year.</i>						
Chemistry			8.30-11			
Physics					8.30-11	
Mathematics						8.30-10.30
English						10.30-12
French or German			11-12.30		11-12	
Geography					9-11	
History			9-11			

Evening.

Students who have already completed successfully the first year of the Matriculation Course or who have already reached School Certificate standard can take the Matriculation Examination in June, 1951. This involves attendance on four evenings a week for Arts students and five evenings a week for Science students.

Other students who have reached the appropriate standard may enrol for not more than five subjects at the Ordinary Level in the General Certificate of Education course. Students will normally take two years to prepare for the examination in the subject or subjects studied. Further particulars relating to these examinations are given below.

**MATRICULATION AND GENERAL CERTIFICATE OF EDUCATION (Ord.)
EVENING COURSE.**

	Mon.	Tues.	Wed.	Thurs.	Fri.
<i>First Year.</i>					
Chemistry (601) ..		6.30-9			
Physics (343) ..			6.30-9		
Mathematics (568) ..					6.30-8.30
English (1081) ..	6.30-8.30				
French (905) or German (932) ..				6.30-8.30	
Geography (1083) ..		6.30-7.30			
History (1082) ..		7.30-9			
Latin (940)			6.30-8.30		
<i>Second Year.</i>					
Chemistry (608) ..		6.30-9			
Physics (344) ..	6.30-9				
Mathematics (569) ..					6.30-8.30
English (1084) ..				6.30-8.30	
French (906) or German (933) ..			6.30-8.30		
Geography (1086) ..		7.30-9			
History (1085) ..		6.30-7.30			
Latin (941)	6.30-8.30				

Notes for Students of Matriculation and General Certificate (Ord.) Course :—

(1) After June, 1951, the General Certificate of Education will replace the Matriculation Examination, and a student will be deemed to have matriculated only when he has been registered as a student at a University. It will be necessary therefore for students who intend to proceed to the University to know the specific requirements in terms of subjects at Ordinary and Advanced Levels in the General Certificate.

- (2) It will be possible for students to take from one subject to eight subjects at the Ordinary Level in the examination for the General Certificate, but part-time evening students are advised to attempt not more than three subjects in any one session, and to increase the time when more than three subjects are required.
- (3) A certain preliminary standard of attainment is required for admission to the course. Students who have not reached this standard may be required to take a Preliminary Course.
- (4) A student holding a School Certificate or Matriculation Certificate other than that of London University should write direct to the Secretary to the Matriculation and Schools Examinations Council, University of London, Senate House, London, W.C.1., giving full particulars of his certificate, if he wishes to ascertain whether it will be accepted by the University in lieu of London Matriculation.
- (5) Students taking the London Matriculation or General Certificate Examination in place of the preliminary examination of professional bodies should write direct to the Secretary of the appropriate body to ascertain what subjects they must take in the examination to satisfy the requirements of that professional body.
- (6) Coventry Technical College is recognised as a *local centre* for the Matriculation of London University.
- (7) Students must note that they are required to make their own arrangements for registration and entry to all University Examinations and to pay the University and the local fees. Copies of the Regulations relating to the Matriculation and the General Certificate of Education may be obtained from the Secretary to the Matriculation and Schools Examinations Council. Copies are available in the College Library for inspection.
- (8) **Special University Entrance Examination.** This examination is open by arrangement with the University to candidates over 23 years of age who wish to proceed to a Degree Examination of London University. Details may be obtained from the Secretary to the Matriculation and Schools Examinations Council.

INTERMEDIATE (LONDON UNIVERSITY).

SCIENCE. FOR STUDENTS OF SCIENCE AND ENGINEERING.

- (a) A one-year full time day course leading to the external Intermediate Examination of London University is offered. Subjects chosen from Chemistry, Physics, Pure Mathematics, Applied Mathematics and Biology as required.
- (b) The course is also suitable for those who wish to prepare for the General Certificate of Education at Advanced Level in these subjects.

	Mon.	Tues.	Wed.	Thurs.	Fri.
Chemistry ..	9-12 4-5.30	11-12.30		4-5	2-5
Biology		2-5	2-5	9-12.30	
Physics		9-11	9-12.30	2-4	9-12.30
Mathematics ..	2-4	2-5	2-5	9-12	

- (c) Part-time day and evening courses for the same examinations are available as follows:—

Part-time Day and Evening Course.

	Mon.	Tues.	Wed.	Thurs.	Fri.
<i>First Year.</i> Chemistry ..			10-11.30 3.30-5.30		
Physics			2-3.30		6.30-8.30
Pure Mathematics			8.30-10 11.30-12.30		
Applied Mathematics ..		6.30-9 574			
<i>Second Year.</i> Chemistry ..					10-11.30 6.30-8.30
Physics					2-5.30
Pure Mathematics ..					8.30-10 11.30-12.30
Applied Mathematics ..	6.30-9 579				

Evening Course.

	Mon.	Tues.	Wed.	Thurs.	Fri.
<i>First Year.</i>					
Physics			6.30-9 345	6.30-8.30 353	
Pure Mathematics..					6.30-9 572
Applied Mathematics		6.30-9 574			
<i>Second Year.</i>					
Physics				6.30-8.30 353	6.30-9 346
Pure Mathematics..			6.30-9 577		
Applied Mathematics	6.30-9 579				
Chemistry		6.30-8.30 609			

Appropriate Chemistry classes will be arranged by consultation with the Head of the Department.

ARTS COURSES.

- (a) University of London External Intermediate Arts.
- (b) University of London External Preliminary Examination in Economics
- (c) General Certificate of Education (Advanced Level).

A two-year part-time evening course suitable for preparation for any of the above is offered. The time-table is given below, subjects being chosen as necessary, the usual selection being three.

TIME-TABLE.

Monday	6.30-8.30 7.00-8.00	Latin (942). British Constitution (1014).
Tuesday	6.30-8.30 6.30-8.30	French (907) Economics (800).
Wednesday	6.30-8.30	English (1091).
Thursday	7.30-9.00 6.30-8.30	History (1092). German (934) or Spanish (922).
Friday	7.00-9.00	Geography (1093).

Subject to sufficient demand, the College would be prepared to arrange for corresponding part-time day classes.

Students must make their own arrangements for examination entry (See Notes for Students of Matriculation and General Certificate course).

B.Sc. ENG. (METALLURGY).

B.Sc. (SPECIAL) CHEMISTRY.

B.Sc. (SPECIAL) MATHEMATICS.

Students interested in courses of study leading to these Degrees should discuss the matter with the Head of the appropriate Department.

B.Sc. (GENERAL)—EXTERNAL DEGREE.

Final B.Sc. (General)—Part-time Course.

Attendance is on one day and three evenings weekly.

	Mon.	Tues.	Wed.	Thurs.	Fri.
<i>First Year.</i> Chemistry				9-12 6.30-9 (621)	
Physics		6.30-9 (361)	2-5.30		
Pure Mathematics ..			9-12 (Tutorial) 6.30-9 (581)		
Applied Mathematics					6.30-9 (583)
<i>Second Year.</i> Chemistry	9-12		6.30-9 (621)		
Physics		9-12.30 6.30-9 (361)			
Pure Mathematics ..			9-12 (Tutorial)	6.30-9 (582)	
Applied Mathematics					6.30-9 (583)

Classes in French and German are arranged as necessary.

B.Sc. (ENGINEERING)—EXTERNAL DEGREE.

The College is a recognised Institution for University of London B.Sc. Engineering Courses.

Students interested in full-time courses should consult the Principal.

Part-time Course (New Regulations).

Attendance is on one day and three evenings per week for a period of five years.

Part I.

	Mon.	Tues.	Wed.	Thurs.	Fri.
<i>First Year.</i> Applied Heat I ..					4-5.30
Applied Electricity I		6.30-9 (347)			
Engineering Drawing I	6.30-9 (84)				
Mathematics I ..					8.30-10.30
Materials and Structures I ..					10.30- 12.30
Mechanics of Fluids I				6.30-9 (96)	
Theory of Machines I					2-4
<i>Second Year.</i> Applied Heat II ..			6.30-9 (94)		
Applied Electricity II					6.30-9 (348)
Engineering Drawing II	6.30-9 (85)				
Mathematics II ..	8.30-10				
Materials & Struct. II	2-4				
Mechanics of Fluids II	4-5.30				
Theory of Machines II	10-12.30				

Later years of the course will follow in subsequent sessions.

Sept.-Mar. (Two Terms only).

	Mon.	Tues.	Wed.	Thurs.	Fri.
<i>Third Year.</i> Applied Heat IIIa ..				10.30-12.30	
Applied Electricity IIIa				3.30-5.30	
Engineering Drawing IIIa	6.30-9 (86)				
Mathematics IIIa ..				2-3.30	
Metallurgy (Sept.- Dec.) Materials and Structures IIIa }			6.30-9 6.30-9 (89)		
<i>Jan.-Mar.</i> Mechanics of Fluids IIIa				8.30-10.30	
Theory of Machines IIIa					6.30-9 (92)

The University Examination for Part I takes place in April.

Pending the publication of the Pass List, all students proceed to Part II for the next term.

Third Year. Part II (April-June) (One Term only).

	Mon.	Tues.	Wed.	Thurs.	Fri.
Thermodynamics (Ice) IIIb				8.30-10.30 4-5.30	
Mathematics IIIb ..	6.30-9				
Materials IIIb ..				10.30-12.30	
Structures (Aero.) IIIb				6.30-9	
Machines IIIb ..				2-4	

Part-time Course (Old Regulations).

Part II. Second Year (Session 1950-51 only).

	Mon.	Tues.	Wed.	Thurs.	Fri.
Hydraulics					6.30-9 (121)
Mathematics		8.30-10.30			
Structures		10.30-12.30 3.30-5.30			
Materials				6.30-9 (123)	
Theory of Machines ..	6.30-9 (122)	2-3.30			

Attendance is for one whole day for the common subjects offered, and two evenings according to choice.

Full-time Course.

Part I covers five terms (one session and two terms) to correspond with the date of the University Examinations for Part I, which are held in April.

Part II covers four terms (one term following the Part I Examinations and one session).

The complete course covers three sessions, the Part II Examinations taking place in July. Part I (five terms, commencing September and ending March but one).

	Mon.	Tues.	Wed.	Thurs.	Fri.
Applied Heat I ..	10.-30-12	2-5			
Applied Electricity I		10.30-12	2-5		
Engineering Drawing I			10.30-12		2-5
Mathematics I ..	9-10.30				10.30-12
Materials & Struct. I	2-5				9-10.30
Mechanics of Fluids I		9-10.30		9-12	
Theory of Machines I			9-10.30	2-5	

For Part II details will be arranged.

Notes for Students of Degree Courses.

- (1) Students must previously have obtained Matriculation qualification before entering an Intermediate Course, and must have completed the Intermediate Course before being admitted to the Final Course.
- (2) Students must make application for approval of an Intermediate or Final Degree Course, must register with London University well in advance of the date of the proposed examination, and must be certain of returning their forms and of paying their fees to the University. The leaflets, "Regulations Relating to Degrees in Engineering", "Regulations Relating to Degrees in Science" and "Regulations Relating to Degrees in Metallurgy" may be obtained from The External Registrar, Senate House, The University of London, W.C.1.
- (3) In the Final Examination for B.Sc. General candidates are required to translate into English, passages in French and German, taken from scientific literature.

MATHEMATICS (POST GRADUATE COURSE).

For students with a degree in engineering or Higher National Certificate with a distinction in Mathematics.

Part-time Day and Evening Course.

	Mon.	Tues.	Wed.	Thurs.	Fri.
<i>First Year.</i>					
Chemistry	2-4				5.30-7
Physics					3-4.30 7-9
Mathematics	4-5.30	6.30-9 (574)			1.30-3
<i>Second Year.</i>					
Chemistry					3-4.30 7-9
Physics	2-4				5.30-7
Mathematics	4-5.30				1.30-3