Leaflet No. 2.

COVENTRY LOCAL EDUCATION AUTHORITY

THE TECHNICAL COLLEGE

COVENTRY

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

Head of Department :
J. D. FRIER, A.R.C.S., D.I.C., Wh.Ex., M.I.Mech.E., F.R.Ae.S.

SESSION 1950-51

Mechanical Engineering.
Automobile Engineering.
Aeronautical Engineering.
Production Engineering.
Industrial Administration.
Machine Shop Engineering.
Sheet Metal Work.
Motor Body Building.
Motor Vehicle Service.
Pattern-making and Foundry Work.
Elementary Technical Course for Adults.
Special Courses for Adults—Metrology, Workshop Organisation.
Engineering Tracing.
Matriculation and Degree Courses.

W. L. CHINN, M.A.,
Director of Education.

All 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 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.

MECHANICAL ENGINEERING COURSES.

Part-time Day Courses.

Preliminary Course.
Normally for students between the age of 15-16 years.

	Class and Day of Attendance				
	Mon.	Tues.	Wed.	Thurs.	Fri.
Mathematics Science Drawing English	P2A P2G P2M*	P2H P2N	P2J P2P*	P2D P2K P2Q* P2S	P2F P2L P2R*

NATIONAL CERTIFICATE COURSES—MECHANICAL ENGINEERING.

The Ordinary National Certificate Examinations are taken at the end of the Third Year, and the Higher National at the end of the Fifth Year. Weekly attendance is normally for one day, with also one evening recommended ; September-June.

S.1. Mechanical Engineering (Common Course).

	Class and Day of Attendance				
	Mon.	Tues.	Wed.	Thurs.	Fri.
Mathematics Applied Mechanics Engineering Drawing	1A 1G	1B* 1H* 1M	1C 1J 1N	1D* 1K*	1F 1L

Students are strongly advised to take the evening class "English for Engineers". Enrolment arrangements for this class are made during the first weeks of the session ; Fee 5/-.

*These classes commence at 9 a.m. In all other cases classes commence at 8.30 a.m.

S2. Mechanical and Aeronautical Engineering.

	Class and Day of Attendance				
	Mon.	Tues.	Wed.	Thurs.	Fri.
Mechanical Engineering (Normal) Mathematics Engineering Drawing Applied Mechanics	2A 2G* 2M	2B 2H	2C 2J* 2N	2D 2K*	2F 2L*
Aeronautical Engineering Mathematics Applied Mechanics Aeronautical Engineering		2Z(a)*	2Z(b)		

Students are strongly advised to take the evening class "English for Engineers". Enrolment arrangements for this class are made during the first weeks of the session ; Fee 5/-.

*These classes commence at 9 a.m. In all other cases classes commence at 8.30 a.m.

S.3. Mechanical, Aeronautical, Automobile and Production Engineering.

	Class and Day of Attendance				
	Mon.	Tues.	Wed.	Thurs.	Fri.
Mechanical Engineering (Normal) Mathematics Applied Mechanics Heat Engines Electrotechnology	3C†	3B	3G	3D	3F
Aeronautical Engineering Mathematics Applied Mechanics Aeronautical Engineering Electrotechnology					3Z
Automobile Engineering Mathematics Applied Mechanics Automobile Engineering Electrotechnology	3A				
Production Engineering Mathematics Applied Mechanics Workshop Technology Electrotechnology		3P(d)	3P(a)	3P(b)	3P(c)

Notes on S.3.

(i) †This group takes Chemistry instead of Electrotechnology preparatory to taking the 4M course in A.1.

(ii) Ordinary National Certificate Examination taken at this stage.
All certificates awarded are known as *Ordinary National Certificates in Mechanical Engineering*. The subject of Aeronautical Engineering is endorsed by the President, Royal Aeronautical Society, and the subject of Workshop Technology by the President, Institution of Production Engineers.

(iii) All classes commence at 8.30 a.m.

(iv) Day students may take one evening class in Automobile Engineering I, or Heat Engines I, or Workshop Technology, and may sit an additional examination in either subject for the purpose of Endorsement in their Ordinary National Certificate.

A1. Mechanical, Aeronautical, Automobile and Production Engineering.

	Class and Day of Attendance				
	Mon.	Tues.	Wed.	Thurs.	Fri.
Mechanical Engineering (Normal) Mathematics Applied Mechanics Heat Engines	4B(c)	4B(a)		4B(b)	
Mechanical Engineering (Alternative) Mathematics Applied Mechanics Metallurgy			4M†		
Aeronautical Engineering Mathematics Applied Mechanics Aeronautical Engineering					4Z
Automobile Engineering Mathematics Applied Mechanics Automobile Engineering					4A
Production Engineering Machine Tools Jig and Tool Drawing with the following covering half a session each :— Metallurgy Metrology Theory of Machines Strength of Materials	4P(a) 4P(b)				

Notes on A.1.

(i) †Students choosing this course must subsequently select the 5M course.

(ii) All classes commence at 9 a.m.

(iii) For day students, one evening class is strongly recommended, viz : Chemistry (for all students who have selected Metallurgy) or Principles of Electricity, or
Workshop Technology, if not already taken as an evening class in the third year.

(iv) Entry for examinations for endorsement of the Ordinary National Certificate in Chemistry or Principles of Electricity or Workshop Technology (unless taken in S.3) should be made during this fourth year.

A.2 Mechanical, Aeronautical, Automobile and Production Engineering.

	Class and Day of Attendance				
	Mon.	Tues.	Wed.	Thurs.	Fri.
Mechanical Engineering (Normal) Mathematics Materials Machines		5B(b)			
Mechanical Engineering (Alternative) Internal Combustion Engines Materials Machines				5B(a)*	
Mechanical Engineering (Alternative) Mathematics Materials Metallurgy					5M*
Aeronautical Engineering Aero. Materials Aerodynamics Aero. Design			5Z*		
Automobile Engineering Internal Combustion Engines Materials Automobile Engineering				5A*	
Production Engineering Machine Tools Metrology Jig and Tool Design					5P

Notes on A.2.

(i) Higher National Certificate Examination taken at this stage. Except in the case of Production Engineering, all certificates awarded on the above courses are Higher National Certificates in Mechanical Engineering. Where appropriate, the certificates are countersigned by other professional institutions.

(ii) *These classes commence at 9.0 a.m. In all other cases classes commence at 8.30 a.m.

(iii) Day students taking either the Aero. or Auto. Engineering course are recommended to take Theory of Machines in the evening as a subject for endorsement of the Higher National Certificate.

(iv) It is necessary to hold an Ordinary National Certificate in Mechanical Engineering in order to qualify for the Higher National Certificate in Production Engineering.

Post-National Certificate Course. (Section P.N., Tuesday).

Workshop Technology ..	(for endorsement of Ordinary National Certificate).
Industrial Administration I	(this class, together with evening class No. 68, Workshop Management I (P.N.,) ranks for endorsement of the Higher National Certificate in Industrial Administration).

Students wishing to take endorsement subjects should in all cases consult the Head of Department.

For more advanced courses in Industrial Administration refer to the part-time evening section.

CITY AND GUILDS COURSES.

The Intermediate Certificate Examinations are normally taken at the end of the Second Year and the Final at the end of the Fourth Year.

Motor Body Work (Private).

	Class and Day of Attendance				
	Mon.	Tues.	Wed.	Thurs.	Fri.
First Year. Workshop Mathematics English Drawing and Science (Wood) Drawing and Science (Metal)		MT1B			
Second Year. Workshop Mathematics Drawing and Science (Metal) Motor Body Workshop(Metal) Drawing and Science (Wood) Motor Body Workshop (Wood) evening to be arranged		MT2B			

Intermediate Examination taken at this stage.

Machine Shop Engineering.

	Class and Day of Attendance				
	Mon.	Tues.	Wed.	Thurs.	Fri.
First Year. Workshop Mathematics English Drawing and Science Workshop Technology and Practice	MT1M (a)		MT1M (b)	MT1M (c)	MT1M (d)
Second Year. Workshop Mathematics Drawing and Science Workshop Technology and Practice	MT2M (a)		MT2M (b)	MT2M (c)	MT2M (d)
Third and Fourth Years. Workshop Mathematics Drawing and Science Workshop Technology and Practice		MT3M		MT4M MT5M	
Fifth Year. A special course will be arranged if there is an adequate demand					

Intermediate Examination taken at the end of the Second Year, and Final Examination taken at the end of the Fourth Year.

Note. A Full Technological Certificate is awarded to those passing the Final examination if the Intermediate Certificate, or an Ordinary National Certificate, has also been obtained.

For the practical work, students should provide themselves with suitable overalls, preferably of the boiler suit type.

Patternmaking and Foundry Work.

	Class and Day of Attendance				
	Mon.	Tues.	Wed.	Thurs.	Fri.
First Year. Workshop Mathematics English Drawing and Geometry Patternmaking Science		MT1P			
Second Year. Workshop Mathematics Drawing and Science Patternmaking Science Patternmaking Workshop			MT2P		
Third and Fourth Years. Workshop Mathematics Patternmaking and Foundry Drawing Patternmaking and Foundry Science Foundry Workshop				MT3P MT4P	
Fifth Year. A special course will be arranged if there is an adequate demand					

Patternmaking Intermediate Examination taken at the end of the Second Year. Foundry Work Intermediate Examination taken at the end of the Third Year. Patternmaking Final Examination taken at the end of the Fourth Year.

Metal Plate Work.

	Class and Day of Attendance				
	Mon.	Tues.	Wed.	Thurs.	Fri.
First Year. Workshop Mathematics English Drawing and Geometry Science	MT1S				
Second, Third and Fourth Years. Workshop Mathematics Drawing and Geometry Science Metal Workshop					MT2S MT3S MT4S
Fifth Year. A special course will be arranged if there is an adequate demand					

Intermediate Examination taken at the end of the Second Year.
Final Examination taken at the end of the Fourth Year.

Motor Vehicle Service Mechanics.

	Class and Day of Attendance				
	Mon.	Tues.	Wed.	Thurs.	Fri.
First Year. Workshop Mathematics English Drawing and Science Motor Vehicle Technology		MT1V (a)	MT1V (b)		
Second and Third Years. Workshop Mathematics Drawing and Science Motor Vehicle Technology Motor Vehicle Workshop	MT2V (a)		MT3V	MT2V (b)	
Fourth and Fifth Years. Courses for the Motor Vehicle Technicians' Certificate will be arranged if there is an adequate demand.					MT4V MT5V

City and Guilds Theoretical examinations taken at the end of the Third Year.

A student who passes the City and Guilds Examination at the end of the Third Year will become eligible for the award of the National Craftsman's Certificate for a Motor Vehicle Service Mechanic. This is granted after the student has passed a practical examination conducted by the National Joint Industrial Council not earlier than the final year of apprenticeship.

Part-time Evening Courses.

NATIONAL CERTIFICATE COURSES.

The Ordinary National Certificate Examinations are taken at the end of the Third Year and the Higher National Certificate at the end of the Fifth Year. Weekly attendance is for three evenings, from September to June. Students should read the explanatory notes given in the corresponding part-time day section of this pamphlet, in respect of each year of the course.

In the first and second years the groups (a), (b) and (c) will be filled in that order, according to demand. Other than for groups (a), (b) and (c) in the first and second years, the various courses are indicated by the following letters :—(a) Automobile, (b) and (c) Mechanical, (p) Production, (z) Aeronautical.

Mechanical Engineering—First Year.

	Class No. and Evening of Attendance				
	Mon.	Tues.	Wed.	Thurs.	Fri.
Group 1(*a*). Applied Mechanics Drawing Mathematics	13*	503	3		
Group 1(*b*). Applied Mechanics Drawing Mathematics		14*	3		506
Group 1(*c*). Applied Mechanics Drawing Mathematics	501		15*	4	
Group 1(*d*). Applied Mechanics Drawing Mathematics			503	4	17
Special Classes. Drawing (Metallurgy I) Applied Mechanics (Electrical Students Drawing (Day Students)	1		20*		5

*These classes are from 6.30-9 p.m. In all other cases classes are from 6.30-8.30 p.m.

Mechanical and Aeronautical Engineering—Second Year.

	Class No. and Evening of Attendance				
	Mon.	Tues.	Wed.	Thurs.	Fri.
Group 2(*a*). Applied Mechanics Drawing Mathematics	6	24*	513		
Group 2(*b*) Applied Mechanics Drawing Mathematics	511			9	27*
Group 2(*c*). Applied Mechanics Drawing Mathematics	6	512		26*	
Group 2(*z*) (*Aeronautical*). Applied Mechanics Aeronautical Engineering I Mathematics		24*	513		28*

*These classes are from 6.30-9 p.m. In all other cases classes are from 6.30-8.30 p.m.

Mechanical, Automobile, Production and Aeronautical Engineering—Third Year.

	Class No. and Evening of Attendance				
	Mon.	Tues.	Wed.	Thurs.	Fri.
Group 3(*a*) (*Automobile*). Applied Mechanics Automobile Engineering I Mathematics		521		38*	33*
Group 3(*b*) (*Mechanical*). Applied Mechanics Heat Engines I Mathematics	31*	521	35*		
Group 3(*c*) (*Mechanical*). Applied Mechanics Heat Engines I Mathematics	34*	523	32*		
Group 3(*p*) (*Production*). Applied Mechanics Workshop Technology Mathematics		521	40		33*
Group 3(*z*) (*Aeronautical*). Applied Mechanics Aeronautical Engineering II Mathematics	31*	521			37*
Endorsement Class. Workshop Technology		39			

*These classes are from 6.30-9 p.m. In all other cases classes are from 6.30-8.30 p.m.

Mechanical, Automobile, Production and Aeronautical Engineering—Fourth Year.

	Class No. and Evening of Attendance				
	Mon.	Tues.	Wed.	Thurs.	Fri.
Group 4(*a*) (*Automobile*). Applied Mechanics Automobile Engineering II Mathematics	42*		526	46*	
Group 4(*b*) (*Mechanical*). Applied Mechanics Heat Engines II Mathematics	42*	44*	526		
Group 4(*c*) (*Mechanical*). Applied Mechanics Heat Engines II Mathematics		44*	527		43*
Group 4(*m*) (*Mechanical*). Applied Mechanics Metallurgy I Mathematics	42*		527	660	or 43*
Group 4(*p*) (*Production*). Machines and Materials Machine Tools and Jig and Tool Drawing Metrology } Sept.-Jan. Metallurgy } Feb.-June	47*			49*	48 662
Group 4(*z*) (*Aeronautical*). Applied Mechanics Aeronautical Engineering III Mathematics	42*		526		45*

*These classes are from 6.30-9 p.m. In all other cases classes are from 6.30-8.30 p.m.

Mechanical, Automobile, Production and Aeronautical Engineering—Fifth Year.

	Class No. and Evening of Attendance				
	Mon.	Tues.	Wed.	Thurs.	Fri.
Group 5(*a*) (*Automobile*).					
Materials		51*			
Automobile Engineering III				54*	
Internal Combustion Engines	55*				
Group 5(*b*) (*Mechanical*).					
Materials		51*			
Machines			52*		
Mathematics				531	
Group 5(*c*) (*Mechanical*).					
Materials		51*			
Machines					53*
Mathematics				531	
Group 5(*m*) (*Mechanical*).					
Materials		51*			
Metallurgy II	661				
Mathematics					532
Group 5(*p*) (*Production*).					
Machine Tools		63			
Metrology				64	
Jig and Tool Design					65*
Group 5(*z*) (*Aeronautical*).					
Aeronautical Materials and Structures		50*			
Aero. Design			57*		
Aerodynamics					56*

*These classes are from 6.30-9 p.m. In all other cases classes are from 6.30-8.30 p.m.

Special Aeronautical Engineering Course.
This is a two-year course for those holding the Higher National Certificate in Mechanical Engineering. The two subjects concerned rank for endorsement of that certificate and the work covers approximately the same ground as the normal five-year course.

	Class No. and Evening of Attendance				
	Mon.	Tues.	Wed.	Thurs.	Fri.
First Year.					
Aero. I Special	59*				
Aero. Design I Special			61*		
Second Year.					
Aero. II Special	60*				
Aero. Design II Special			62*		

*These classes are from 6.30-9 p.m. In all other cases classes are from 6.30-8.30 p.m.

The usual National Certificate regulations apply and the assessed examinations take place at the end of the Second Year.

MANAGEMENT COURSES.

(a) **Endorsement of Higher National Certificate in Engineering.**
The several classes listed below rank for endorsement of the Higher National Certificate in both Mechanical and Production Engineering. The bearing they have on the professional institution concerned is explained in the following paragraphs :—

(i) **The Institution of Mechanical Engineers.**
The two classes, "Industrial Administration" and "Management", are complementary and together rank for endorsement of the subject "Industrial Administration". This will give exemption from Section C of the Associate Membership Examination.

(ii) **The Institution of Production Engineers.**
Part III of the Associate Membership Examination consists of a compulsory paper.
1. Introduction to Industrial Management and one other chosen from
2. Production Planning ; and
3. Work Measurement.
Subject 1 is covered by the two classes mentioned above, which lead to an endorsement of the Higher National Certificate in Industrial Administration. Endorsement in this and either subject (2) or (3) gives exemption from the Associate Membership Examination in Part III.

	Class No. and Evening of Attendance				
	Mon.	Tues.	Wed.	Thurs.	Fri.
Group (a). Industrial Administration Management			71		74
Group (b) Industrial Administration Management		75		72	
Group (c). Industrial Administration Management				76	73
Group (P.N.) Management	77††		78†		
Production Planning Work Measurement	69		70		

†For Class 78 the corresponding class in Industrial Administration is held on Tuesday mornings from 10.30 a.m. to 12.30 p.m. and for Class 77 on Thursday mornings from 10.30 a.m. to 12.30 p.m.

All the above classes are from 6.30-8.30 p.m.

(b) **The Intermediate Certificate in Management Studies.**

This certificate is a national one awarded jointly by the British Institute of Management and the Ministry of Education.

Intending students must consult the Head of Department (or Senior Lecturer in Industrial Administration) before enrolment. Those without a Higher National Certificate, a University Degree or some equivalent qualification will not be admitted unless it is felt that they are able to profit by the course.

The complete course requires attendance for two evenings a week (or the equivalent time in the day) for three years. **Students must have reached the minimum age of 23 years before completing the last year of the course.**

The certificate will give exemption from the Intermediate Examinations of the following professional bodies :—

1. The Institute of Industrial Administration.
2. The Institute of Works Managers.
3. The Institute of Economic Engineering.
4. The Institute of Personnel Management.
5. The Office Management Association.

The course is also suitable for students preparing for the examinations of these professional bodies.

First Year.

The course is identical with that previously given for endorsement of a Higher National Certificate.

	Class No. and Evening of Attendance				
	Mon.	Tues.	Wed.	Thurs.	Fri.
Industrial Administration Management*			71		74

Second Year.

Students with an endorsement in "Industrial Administration" on a Higher National Certificate will provisionally be admitted direct to this year of the course.

	Class No. and Evening of Attendance				
	Mon.	Tues.	Wed.	Thurs.	Fri.
Work Measurement*	69				
Statistical Method (Feb.-June)				565	
Industrial Psychology (Sept.-Jan.)				1020	

Third Year.

	Class No. and Evening of Attendance				
	Mon.	Tues.	Wed.	Thurs.	Fri.
Economics* (Sept.-Jan.)		786			
Commercial Law (Feb.-June)		787			
Financial and Cost Accounting (Sept.-Jan.)					788
Office Organisation (Feb.-June)					789

*These three subjects are assessed. College examinations must be passed for all the remaining subjects.

(d) **Foremanship and Works Supervision.**

A Course for foremen and supervisors, and for those preparing for such positions will be held on Monday evenings (Class No. 80) from 7.30-9 p.m. during the winter session. For full details see separate handbills. Special arrangements for a duplicate course will be made to suit shift workers if the demand is adequate.
This is planned as an extension of the introductory course held last session. For classes in Production, Planning, Work Measurement and Industrial Psychology, see Intermediate Course in Management Studies.

(e) **City and Guilds Final Certificate in Mechanical Engineers' Estimates and Specifications.**

Prospective candidates should consult the Head of Department (or Senior Lecturer in Industrial Administration). Depending on their previous training they will be advised as to the appropriate subjects to take from Courses (a) and (b) given earlier in the Prospectus.

CITY AND GUILDS COURSES.

The Intermediate Certificate examinations are normally taken at the end of the Second Year and the Final at the end of the Fourth Year. See special note in respect of Motor Vehicle Service and Welding at the foot of the class table. Students should read the explanatory notes given in the corresponding part-time day section of this pamphlet, in respect of each year of the course.

These courses are distinguished by the following letter code :—

Group A	Machine Shop Engineering
Group B	Metal Plate Work
Group C	Motor Vehicle Service Mechanics
Group W	Gas and Electric Welding

Machine Shop Engineering (Group A).

	Class No. and Evening of Attendance				
	Mon.	Tues.	Wed.	Thurs.	Fri.
First Year.					
Workshop Technology, Drawing and Science	151*				
Workshop Practice				153*	
Workshop Mathematics		534			
Second Year.					
Workshop Technology, Drawing and Science				156*	
Workshop Practice					158*
Workshop Mathematics		535			
Third Year.					
Workshop Technology, Drawing and Science		161*			
Workshop Practice	163*				
Workshop Mathematics			536		
Fourth Year.					
Workshop Technology, Drawing and Science		166*			
Workshop Practice	168*				
Workshop Mathematics			537		
Special Class for Senior Students.					
Workshop Practice (Special)		171*			

Special Fifth Year courses arranged according to demand.
*These classes are from 6.30-9 p.m. In all other cases classes are from 6.30-8.30 p.m.
For the practical work, students should provide themselves with suitable overalls, preferably of the boiler suit type.

Metal Plate Work (Group B).

	Class No. and Evening of Attendance				
	Mon.	Tues.	Wed.	Thurs.	Fri.
First Year.					
Workshop Science					
Workshop Drawing and Geometry	182				181
Workshop Mathematics			538		
Second Year.					
Workshop Drawing and Science	186*				
Metal Workshop		188*			
Workshop Mathematics			539		
Third Year.					
Workshop Drawing and Science					
Metal Workshop	193*				191*
Workshop Mathematics			540		
Fourth Year.					
Workshop Drawing and Science					
Metal Workshop	198*				196*
Workshop Mathematics			541		

Special Fifth Year courses arranged according to demand.

In the year preceding the final examination candidates are required to submit an original piece of Metal Plate work together with a working drawing. Other conditions are given in the general regulations of the Institute.

*These classes are from 6.30-9 p.m. In all other cases classes are from 6.30-8.30 p.m.

Motor Vehicle Service Mechanics (Group C).

	Class No. and Evening of Attendance				
	Mon.	Tues.	Wed.	Thurs.	Fri.
First Year.					
Drawing and Science			212*		
Motor Vehicle Technology	211				
Workshop Mathematics		542			
Second Year.					
Motor Vehicle Technology					
Drawing and Science	216*				
Motor Vehicle Workshop					218*
Workshop Mathematics		543			
Third Year.					
Motor Vehicle Technology					
Drawing and Science		221*			
Motor Vehicle Workshop					223
Workshop Mathematics			544		

The City and Guilds Examination for the National Craftsman's Certificate takes place at the end of the Third Year.

A technician's course covering a further two years will be provided according to the demand.

*These classes are from 6.30-9 p.m. In all other cases classes are from 6.30-8.30 p.m.

Gas and Electric Welding (Group W).

The City and Guilds course in this subject is being revised on a three year basis and for the present session only the first and second years of the new course are offered.

	Class No. and Evening of Attendance				
	Mon.	Tues.	Wed.	Thurs.	Fri.
First Year.					
Welding Science					261
Welding Technology			262		
Welding Workshop	263*				
Second Year.					
Welding Drawing and Science					266
Welding Technology				267	
Welding Workshop		268			

*These classes are from 6.30-9 p.m. In all other cases classes are from 6.30-8.30 p.m.

B.Sc.(Eng.)—External Degree, University of London—see pamphlet No. 8.

Elementary Technical Course for Adults (Evenings only).

The course consists of Mathematics for Adults and Engineering Drawing for Adults and meets on two evenings per week.

Special Course for Adults.

Metrology for Inspection and Supervisory Staff.

Engineering Tracing (Evening only).

A course suitable for girls engaged in the Factory as Tracers. It is recommended that girls should also take an Engineering Drawing Course on one other evening (Thursday).

Mathematics (Post Graduate Course).

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

NOTES FOR STUDENTS OF ENGINEERING.

National Certificates in Engineering.

(a) The examinations for National Certificates are held in the College usually in June. The question papers are set internally and assessed externally, and the Certificates are awarded by the Ministry of Education in conjunction with the professional Institutions.

(b) Students must qualify in each year of the course before proceeding to a higher course of study. Conditions are laid down as to standards for so qualifying, such as: (i) 60% of the possible attendances, (ii) 40% of the possible marks for homework and classwork taken separately for each subject, (iii) 40% of the possible marks in each subject in the examination.

(c) To be awarded the Ordinary or Higher Certificate, students must also obtain not less than 50% of the grand total of possible marks obtainable in the final year. Of this grand total the possible marks in the final examination should constitute 70% and the remaining 30% should be the possible marks for homework and classwork (including laboratory and drawing office work) in the final year.

(d) It is the responsibility of each student to enter as a candidate for these examinations and to know the last date for receipt of entries as published on the College notice-boards. **Late entries will not be accepted.**

Degrees in Engineering.

Selected students may read for an Engineering Degree of London University by full-time day or part-time day and evening attendance. Entrants to the course should acquaint themselves with the University regulations in regard to registration and matriculation, particularly during the present transition stage arising from revised schemes brought about by the introduction of the General Certificate of Education. Particulars of the courses at Coventry Technical College are given in Leaflet No. 8.

Examinations of the City and Guilds of London Institute.

The examinations are taken at the College. The question papers are set and assessed by the City and Guilds. It is the responsibility of each student to enter as a candidate for these examinations at the appropriate time. All particulars are published on the College notice-board.

English for Engineering Students.

The three Institutions—Civil, Mechanical and Electrical—have jointly agreed to an English examination being held at the College in October and April for students recommended by the College at any time after they have satisfactorily completed the first half of the S.2 Course. Students may thereby at an early stage qualify in the English paper of the Graduateship Examination. Students without School Certificate or its equivalent will be required to take an English class for two years.

Professional Societies.

Students are recommended to join as student members of a Professional Society with the ultimate aim of Graduate-membership and Associate-membership. Preliminary advice regarding conditions of student membership may be obtained from the Heads of Departments. Particulars and forms of application may be obtained from the Institutions whose addresses are as follows:—

The Secretary, The Institution of Mechanical Engineers,
Storey's Gate, St. James' Park, London, S.W.1.

The Secretary, The Institution of Production Engineers,
36, Portman Square, London, W.1.

The Secretary, The Royal Aeronautical Society,
4, Hamilton Place, London, W.1.

The Secretary, Institute of Industrial Administration,
Artillery House, Artillery Row, London, S.W.1.

The Secretary, British Institute of Management,
Management House, 8, Hill Street, London, W.1.