

# University of Cape Town

Mechanical Engineering Department,

*in conjunction with*

The Royal Automobile Club of South Africa.

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A COURSE OF

EXTENSION LECTURES AND DEMONSTRATIONS

ON

# The Motor Car

will be given in the Old Engineering (now Commerce) Buildings of the University in Orange Street, at the top of Government Avenue.

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*Over twenty years ago, when motor cars were not the perfect machines they are to-day, the Royal Automobile Club of S.A. asked the University to institute courses of popular lectures so that owner-drivers could learn to drive their cars intelligently, and carry out the hundred and one adjustments and repairs necessary in those days for efficient running. These courses have been running regularly ever since that time.*

*To-day the modern motor car is so perfect that such skilled attention on the part of the driver is no longer necessary, but even now if a car is to be run intelligently and economically owner-drivers should still know something about the principles underlying the construction and operation of their cars. This knowledge will also increase the pleasure in driving a car.*

*These Extension Lectures have this object in view, and they also make owners capable of effecting the small running adjustments and repairs which are still necessary and mean so much in the efficient running of a car.*

*Intelligent interest taken in the performance of a motor car will save from ten to twenty per cent. of the running cost, and in many cases even more.*

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*The Course consists of about 24 Lectures and Demonstrations. The Lectures and Demonstrations are given in the Old Engineering Lecture Hall of the University.*

*The subject will be treated in a popular manner and made suitable for owner-drivers, ladies and others having no knowledge of Engineering. Over 400 ladies have attended the course. Previous students have been drawn from every class and profession, from junior apprentices and clerks, to chief engineers, advocates, doctors and even Cabinet Ministers and Ministers of Religion.*

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The Lectures and Demonstrations will be given by

**Professor DUNCAN McMILLAN,**

A.R.T.C., M.I.Mech.E., M.I.A.E.

AND ASSISTANTS.

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**EVENING COURSE, Wednesdays. Lectures, 8 to 9 p.m.; Demonstrations, 9 to 10 p.m.**

This Course will commence on WEDNESDAY, 25TH AUGUST, at 8 p.m., in the Old Engineering Lecture Rooms at the top of Government Avenue in Cape Town.

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*Fee for the Course - - - - - TWO GUINEAS.*

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# University of Cape Town.

Mechanical Engineering Department.

*In conjunction with the Royal Automobile Club of South Africa.*

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COURSES OF  
EXTENSION LECTURES and DEMONSTRATIONS  
ON  
**THE MOTOR CAR**

are given in the Mechanical Engineering Department of the University in Orange Street, at the top of Government Avenue.

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*A Course consists of about 24 Lectures and Demonstrations. The Lectures and Demonstrations are given in the Engineering Lecture Hall of the University, and in the Motor Engineering Laboratory.*

*The subject will be treated in a popular manner and made suitable for owner-drivers, ladies, and others having no knowledge of Engineering. Over 150 ladies have already attended the Course, and a class will be held on Wednesday afternoons to suit their convenience. Gentlemen may also join this class.*

*The object of the Course is to enable car owners to drive their cars intelligently and to run them economically, also to make them capable of effecting small running repairs and adjustments. Intelligent interest taken in the performance of a motor car will save from ten to twenty-five per cent. of the running cost.*

Text Book: THE MOTOR CAR, by D. McMillan (Longmans, Green & Co.)

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The Lectures and Demonstrations will be given by the Head of the Department of Mechanical Engineering—

Professor **DUNCAN McMILLAN**, A.R.T.C., A.M.I.Mech.E., M.I.A.E.  
AND ASSISTANTS.

The Class will meet on Wednesdays :— Lectures, 8 to 9 p.m. ; Demonstrations, 9 to 10 p.m.  
Afternoon Course, Wednesdays :— Lectures, 4 to 5 p.m. ; Demonstrations, 5 to 5.50 p.m.

These Courses will commence on Wednesday, 23rd March, 1927, at 8 p.m.  
and Wednesday, 30th March, 1927, at 4 p.m.

A Certificate will be issued to successful Students.

## PRACTICAL COURSE.

Should a sufficient number of students who have gone through the above course present themselves a practical course in the workshop will be commenced early in August.

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*Fee for the Course: TWO GUINEAS.*

# THE MOTOR CAR

By DUNCAN McMILLAN, A.R.T.C. A.M.I.Mech.E.

Chief Lecturer on Mechanical and Motor Car Engineering  
at the South African College. Technical Editor of  
"Motoring in South Africa."

## A New Book by a South African Writer.

**C** This Book has been written to help the owner driver, and, whilst necessarily to some extent technical, has been so simplified and graded that even the non-technical reader can follow it readily. The book follows the courses of lectures given by the author in the South African College to owner drivers, and a large number of simplified drawings have been incorporated. Over 150 Illustrations.

Every Motorist, whether beginner or expert, should have it.

### OPINIONS OF THE PRESS:

*The Car, London* :—" His book shows that he has the uncommon capacity of putting the description of technical operations in lucid and well arranged sequence . . . . the author has some really clear diagrams."

*The Cape* :—" A textbook on the Motor Car which bids fair to be recognised as the standard handbook on the subject."

*Natal Mercury* :—" I know no book which will prove more illuminative to the ordinary owner. The information is quite up to date."

*Nottingham Guardian* :—" Will be clear to even the most unmechanical owner."

*Page's Engineering Weekly* :—" We have no hesitation in expressing the opinion that the author's hope set out in the preface 'to make the elementary principles underlying the construction of the modern motor car clear to even the most unmechanical owner' will be fully realised by all intelligent readers of his pages."

**C** If you want to know the reason why of the working of a Motor Car, and so be able to run a car economically and intelligently you should study this book.

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