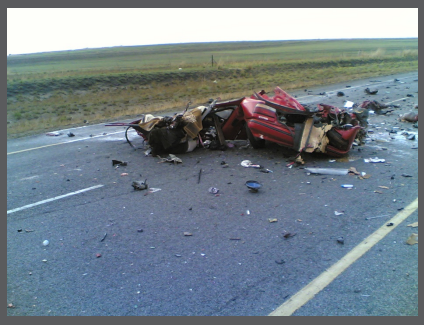

Session 1.1 Course Introduction

Conducting Road Safety Audits & Appraisals

Presented by: RTS & AGTT

January 2022

1-1

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1

Introduction to SARF

1-2

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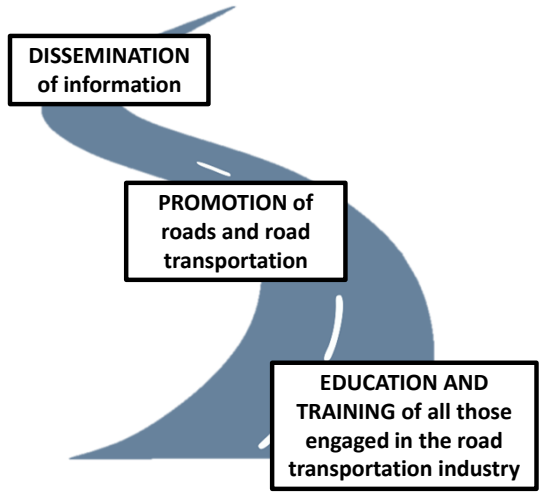
Promotion of Roads, Road Transportation & Road Safety

OBJECTIVES OF THE SOUTH AFRICAN ROADS FEDERATION



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PRESENTERS

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PRESENTERS

FACILITATOR CVs

Andile Gqaji PrTech Eng BSc Hons Transportation MCom

- 22 years experience in road safety, transport planning & traffic engineering
- Road Safety Appraisal & Audits in Southern Africa.

Louis de V Roodt, PrEng PhD

- 40+ years experience in road geometric design, traffic, transport and road safety engineering.
- 20 years as lecturer at Universities of Pretoria and Stellenbosch.
- Road Safety Appraisals and Audits in Southern Africa and the United Kingdom.

SARF SANRAL

1-5

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GOALS AND HIGHLIGHTS: 2 DAY COURSE

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What are the Goals of this 2-day Course?

Gain an understanding of what is involved in the improvement of road safety.

- What is the general perception about improving road safety?
- What information do we get from the media about road safety?

Have the knowledge and tools to make a difference, within your sphere of influence.

- You have to be a road safety ambassador yourself.
- You will know the role players (organisational).
- You will know what is a RSA and what is involved technically.
- You will know what actions need to be taken and how to initiate those actions.

2-DAY COURSE OBJECTIVES

SARF SANRAL

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PROGRAMME: DAY 1 AND DAY 2

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Day 1

DAY 1 - UNDERSTANDING AND MANAGING ROAD SAFETY AUDITS/APPRAISALS (RSAs)
Course introduction
Road safety context
Systems approach
Break and refreshments
Understanding road safety risks
Introduction to Road Safety Audits and Appraisals
Lunch
The Need for and Legal Implications of RSAs
Expected outcome of a RSA
Break and refreshments
Terms of reference for a typical RSA
Accreditation of Road Safety Auditors

PROGRAMME DAY 1

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Day 2

DAY 2 – ROAD SAFETY AUDIT AND APPRAISAL PROCESS
Road Safety Engineering Concepts
Road Safety Engineering Concepts
Break and refreshments
Project inception & The Audit Team
Information Review and Site Inspection
Lunch
Identification and evaluation of road safety risks
Report content and structure
Break and refreshments
Technology and useful resources

PROGRAMME DAY 2

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PROGRAMME DAY 3

Day 3

DAY 3 – CONDUCTING A ROAD SAFETY AUDIT/APPRAISAL
Group Assignment 5: - Developing a TOR for an RSA
Recap of the road safety process
Planning road safety
Conducting a RSA: Project inception (Recap)
Group Assignment 1: Project Inception
Break and refreshments
Group Assignment 1: Project Inception (continued)
Group Assignment 1: Group Presentations
Break and refreshments
Road safety concept
Road signs, markings and traffic signals
Break and refreshments
Conducting a RSA: Data collection and Site visit (Recap)
Group Assignment 2: Data Collection and Site Visit

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PROGRAMME DAY 4

Day 4

DAY 4 – CONDUCTING A ROAD SAFETY AUDIT/APPRAISAL
Group Assignment 2: Group Presentations
Road side protection
Break and refreshments
Conducting a RSA: Data Analysis (Recap)
Group Assignment 3: Data Analysis
Break and refreshments
Group Assignment 3: Data Analysis (Continued)
Group Assignment 3: Group Presentations
Break and refreshments
Conducting a RSA: Identification of road safety risks (Recap)
Designing for road safety: Alignment, cross section and level of service
Designing for road safety: Intersection design
Group Assignment 4: Identification of Road Safety Risks

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Day 5

PROGRAMME DAY 5

DAY 5 – CONDUCTING A ROAD SAFETY AUDIT/APPRAISAL
Overview of day 4, programme for day 5
Vehicle restraint systems
Group Assignment 4: Identification of Road Safety Risks
Break and refreshments
Group Assignment 4: Group Presentations
Group Assignment 5: TOR for a RSA
Break and refreshments
TOR - Group Feedback
Reporting and key RSA Concepts
Individual Assignment Overview
Closure and handing out of certificates

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HIGHLIGHTS

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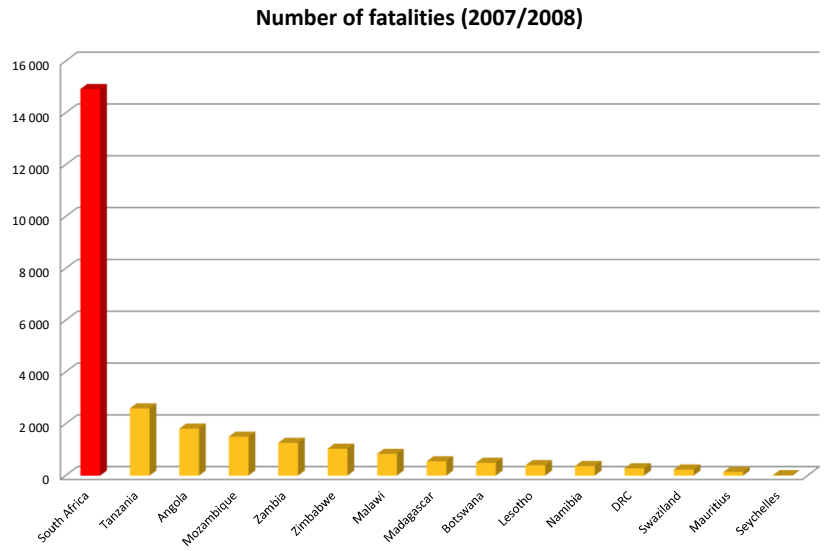
Our Road Safety Context in South Africa



HIGHLIGHTS

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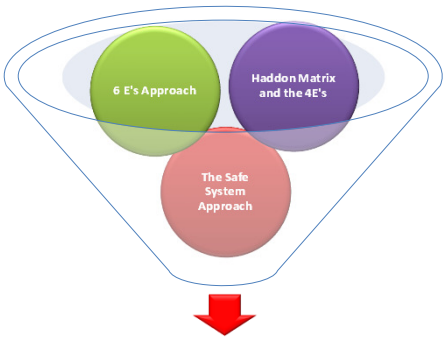
Road Safety Approaches

Amalgamation existing road safety approaches :



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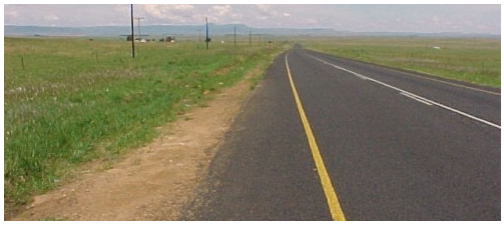
Understanding the risks

Is there such a thing as a safe speed?



What is the single biggest road safety issue in South Africa?

HIGHLIGHTS

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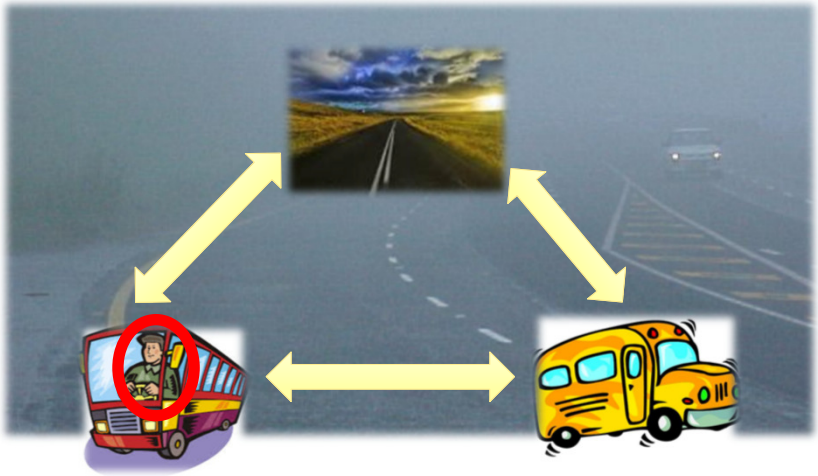
The Importance of RSAs

You will start think in the right way about road safety…



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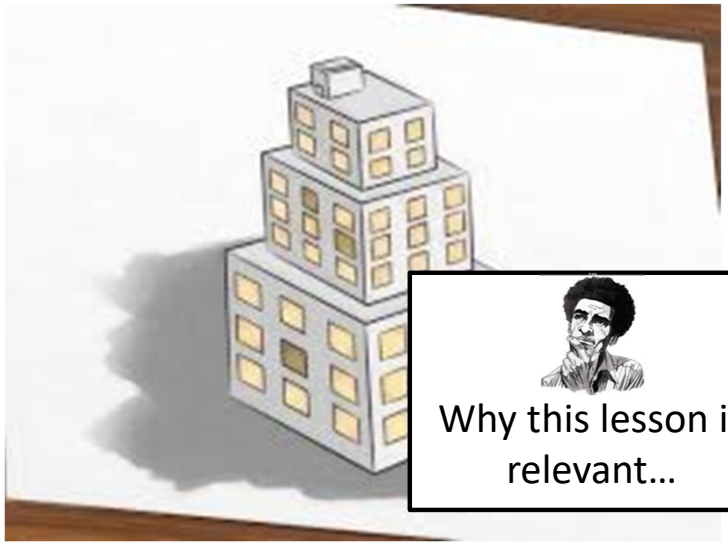
We will talk about jumping from windows…



HIGHLIGHTS

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We will teach you the road safety terms and defintions…

HIGHLIGHTS

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HIGHLIGHTS

We will teach you what to ask for and what to expect!

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ACCREDITATION AND CERTIFICATION

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ACREDITATION OF COURSE AND CPD POINTS

COURSE ACCREDITATION

IRF

ECSA

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CPD Points can be claimed

ACCREDITATION

We will provide you with the ECSA code to claim your CPD points at the end of this course

We will provide you with certificate as evidence of attending this course

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END OF LECTURE 1

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