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GENERAL FEATURES OF THE COURSE

1. DESCRIPTION

We welcome you to the course **Road Safety in the Caribbean Region: Safe Infrastructure (2/3)** offered by the Inter-American Development Bank (IDB) through the edX platform.

Do you know that 18% of road crashes could be related to the quality of road infrastructure?

Studies pointed that unlocking the potential of USD $1.4 trillion in targeted investment in safer roads would achieve 467 thousand lives saved a year.

Are road investments enough?

In a world were mobility patterns change fast due mainly to the urbanization in the Latin American and Caribbean countries, we should break the old concepts of car-oriented road design and move to a more inclusive roads to all users. More than road investments, road engineers and public officers should learn the new concepts of road design, how to assess the quality of road network from a safety standpoint, and to apply the right tools to build a more forgiving road.

In this course you will learn more about the importance of road safety audits and inspections (RSAs and RSIs) for a safer road infrastructure. The course will explore the RSAs' methodologies and good practices around the world and, specially, in Latin America and the Caribbean.

Through readings, videos, hands-on activities, and examples from countries around the world in, the course will support the learners in changing road design practices.

Enjoy the second course from the Road Safety series and be prepared to apply these concepts to build a safer road in your country!

2. PARTICIPANT PROFILE

This course, from theory to practice, is aimed at public officials from Latin America and the Caribbean who work in ministries of transport, agencies, or secretariats of road safety, health, education, and traffic departments. Multilateral bank officials focused on the transportation, education, security, and health division. NGO and foundation officials who work on issues associated with road safety. College and master's level students from careers related to transportation and traffic injury prevention and management. Further, journalists interested in the subject, mainly those from the auto, transport and health section.

The course is provided free of charge for all students.

3. COURSE'S REGISTER MODES

The course is free, consists of 3 content modules plus introduction and closure and is composed of videos, readings, exercises, activities and questionnaires. Remember that you can take the course under one of the following modalities:

- **Audit track**: Having limited and free access to the course material. With this option you will not get a verified certification at the end of the course and you will not have access to the graded assessment questionnaires.

- **Verified or Paid Certificate:** Full access to all course materials, including graded or summative assessments until the end of the course. After completing the course, you will continue to have access to the material, but you will no longer be able to submit assignments that contribute to the grade or obtain a certificate. If you pass, you will get an official certificate issued by the IDB and edX as well as a **digital badge** that you can share on your CV and LinkedIn.

To obtain the verified certificate of the course, you must meet **three** conditions:

1. Pass the course, obtaining at least 65% of the total points.
2. Pay $10 dollars, which is the minimum cost of issuing certificates that edX establishes
3. Complete identity verification in edX undergo **identity verification in edX**.

If you wish to obtain the certificate of the course, you must opt for the verified certificate mode.

Also, if you registered yourself as an audit track without a certificate and decide to obtain it, you can change the modality by making the respective payment. Review the dates and complete the graded assignments required to earn the certificate. EdX has **financial assistance** for students who need it. If you opt for this alternative, you can download **the tutorial with the steps to obtain the verified certificate**.

4. DURATION AND COURSE DEDICATION

This course is "self-paced", we estimate that you should dedicate around **8 hours** to complete all the
course's activities, including the graded evaluation activities.

Remember that if you opted to take the course in the audit track mode, you will have free access to the course material, including videos, lectures, forum, additional resources, and non-scored practical exercises. However, you will not have access to the scored evaluation questionnaires.

- If you opt for the **Audit track,** you can complete the course during two weeks from the day you subscribed. (If there is less than one week until the end of the course when you enrolled to it, you will have the time left until the course ends).

- If you opt for the **Verified track,** you can access the course until the closing date, (**September 21st, 2022**) and will have unlimited access to the course content.

4.1   IMPORTANT DATES

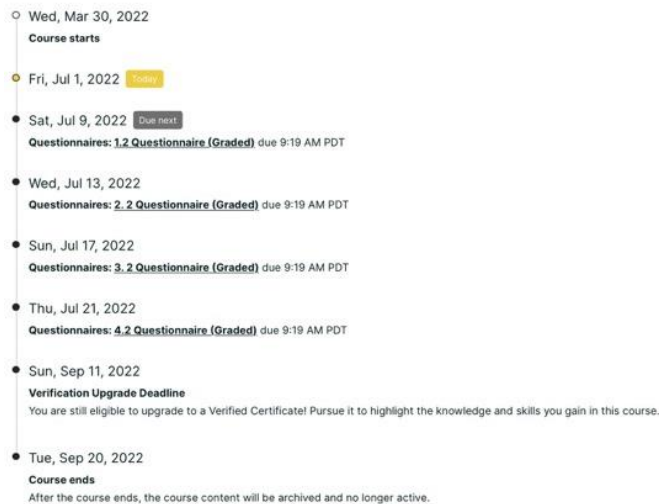The most important dates you should keep in mind are the following

- **March 30th, 2022**: course becomes available.
- **September 11th, 2022**: deadline to apply for the verified certificate.
- **September 21, 2022**: end of the available period and the course becomes archived.

Remember to check the personalized schedule in the **first page** of the course or the right or in the tab
¨**Dates**¨.

Important dates

We've built a suggested schedule to help you stay on track. But don't worry—it's flexible so you can learn at your own pace.

○ Wed, Mar 30, 2022
Course starts

○ Fri, Jul 1, 2022 Today

● Sat, Jul 9, 2022 Due next
Questionnaires: 1.2 Questionnaire (Graded) due 9:19 AM PDT

● Wed, Jul 13, 2022
Questionnaires: 2. 2 Questionnaire (Graded) due 9:19 AM PDT

● Sun, Jul 17, 2022
Questionnaires: 3. 2 Questionnaire (Graded) due 9:19 AM PDT

● Thu, Jul 21, 2022
Questionnaires: 4.2 Questionnaire (Graded) due 9:19 AM PDT

● Sun, Sep 11, 2022
Verification Upgrade Deadline
You are still eligible to upgrade to a Verified Certificate! Pursue it to highlight the knowledge and skills you gain in this course.

● Tue, Sep 20, 2022
Course ends
After the course ends, the course content will be archived and no longer active.

In the dates tab, you will find a suggested schedule according to the modality you have chosen and the date on which you have registered.

If you are enrolled in the **verified certificate track**, the edX platform will show you in this space a suggested schedule, these are customized dates to help you plan and control the pace of your studies.

If you can't send a quiz, notice that an assignment is overdue, or read a message that you haven't met the suggested deadline, don't worry as you can change the suggested dates at any time until the course closes (**September 21st, 2022**)**.**

You can change the due dates by clicking on button "Shift due dates" to update the calendar.

Important Dates

It looks like you missed some important deadlines based on our suggested schedule. To keep yourself on track, you can update this schedule and shift the past due assignments into the future. Don't worry—you won't lose any of the progress you've made when you shift your due dates.

Shift due dates

This process will not affect the progress you have made in the course so far.

Keep in mind that this button will not be activated when the suggested date has not expired, also it will not be possible to change the expiration date of any open response evaluation and the end of course date is not modifiable.

5. IMPORTANT CONSIDERATIONS

To complete the course, you will need:

- A computer with Internet access. We also recommend having updated versions of one of the following browsers: Chrome, Firefox, Safari or Internet Explorer (version 9 onwards).
- You can also access the course through your mobile device or tablet, downloading the edX application from Google Play or Apple Store.

If this is your first edX course, we recommend that you start by viewing the **demo course**[1] before you start, to learn how to navigate the platform. If you are already familiar with edX, you can review the first section of the course, "**Start Here**", where you will find all the information you need to successfully complete this MOOC.

This MOOC does not have tutors. Therefore, the forums will not be moderated by the course team. However, we will be monitoring and intervening to highlight contributions and take action if the **participation criteria in the forums** is not complied with.

6. LEARNING GOALS

At the end of this course, you will be able to:

A. Identify good practices and methodologies in the application of road safety audits and inspections.

B. Identify the road safety needs of non-motorized transport users.

C. Recognize one's own needs and vulnerabilities as a motorized and non-motorized transport user.

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[1] Until December 2020, the demo course is only available in English with Spanish subtitles.

D. Compare successful versus unsuccessful practices in the safe integration of non-motorized modes of transportation.

7. CONTENT STRUCTURE AND SPECIFIC LEARNING GOALS

The content of the course is structured in three modules that pursue specific objectives aligned with the above-mentioned general objectives.

START HERE

- Become familiar with the edX platform and identify how to access the learning resources.
- Identify the rules of participation and the guidance and help resources contained in the course.
- Identify the evaluations of each module and distinguish the types of questions that you will find in the questionnaires.
- Identify the general objective of the course and the tasks that you will need to complete to pass it.

"Start Here" module's purpose is to guide you throughout the course.

In module ¨Start here" you will also find the initial questionnaire, which assesses your understanding of how the course works and has a weight of 1% of your final course grade.

Contents	Activities	Evaluated
0.1 Welcome to the course	0.1.1 Welcome to the course	No
	0.1.2 Meet your instructors and the course team	No
0.2 How the course works	0.2.1 How to navigate within this course?	No
	0.2.2 How does the course work?	No
	0.2.3 How will I be evaluated?	No
0.3 Tell us about yourself	0.3.1 Introduce yourself to your classmates	No
	0.3.2 Tell us about yourself	No

MODULE 1: INTRODUCTION

The following table presents details about the learning resources of Module 1:

Contents	Activities	Evaluated
1.1 Introduction	1.1.1 Video: Safer infrastructure	No

MODULE 2: ROAD SAFETY AUDITS AND INSPECTIONS

The following table presents details about the learning resources of Module 2:

Contents	Activities	Evaluated
2.1 Road safety audits and inspections	2.1.1 Video: The importance of road safety audits and inspections	No
	2.1.2 Video: Road evaluation methodologies: their importance and challenges	No
	2.1.3 Reading: Road evaluation methodologies	No
	2.1.4 Activity: Roles in road safety audits and inspections	No
2.2 Questionnaire (Graded)	2.2.1 Questionnaire (Graded)	Yes

MODULE 3: INFRASTRUCTURE IN THE SAFE SYSTEM APPROACH

The following table presents details about the learning resources of Module 3:

Contents	Activities	Evaluated
3.1 Infrastructure in the Safe System approach	3.1.1 Video: Vision Zero and 5-star roads for all road users	No
	3.1.2 Video: Successful stories from the Caribbean	No
	3.1.3 Video: Cities Safer by Design	No
	3.1.4 Reading: The Diagnosis of Road Safety norms and guides in the Latin American and the Caribbean countries.	No
3.2 Questionnaire (Graded)	3.2.1 Questionnaire (Graded)	Yes

MODULE 4. KEY CONCEPTS

The following table presents details about the learning resources of Module 4:

Contents	Activities	Evaluated
4.1 Key concepts	4.1.1 Reading: key concepts	No

MODULE FINAL STEPS

The following table presents details about the learning resources of Module Start Here:

Contents	Activities	Evaluated
7.1 Final Steps	7.1 What Did You Think of The Course?	No

8. METHODOLOGY

In the design of the course, we have combined passive learning resources, such as video review and readings, with active learning resources, in which your participation and commitment are the basis of learning. The objective of the active learning resources is to apply the theoretical contents to your reality through guided activities that incorporate principles of social and collaborative learning.

You must keep in mind that learning is what happens after a conscious effort to investigate, analyze, reflect and share the topics of interest, therefore, we invite you to get the most out of the course through your active participation in the course. same.

8.1   LEARNING RESOURCES

The first resource of each module consists of a page that contains the description, learning objectives, activities, and evaluations that will be carried out in it. We recommend that you carefully read this home page so that you are aware of the activities that you will need to complete the course successfully.

Each section or module is divided into sub-sections within which you will find various types of components or learning resources:

- **Videos**: main learning resource in which our instructors' comment on the main contents of each
  course.
- **Readings**: correspond to short texts that delve into the key concepts of the course.
- **Questionnaires**: evaluations of around 10 questions whose objective is to measure the learning gain at the end of each module. For more information see the Evaluation Criteria section.
- **Practical activities**: word clouds, forums, etc. in which the participation and collaboration of the students is the main content.

8.2   EVALUATION CRITERIA

At the end of each content module, you will find a questionnaire that includes multiple-choice, multiple answers, or true or false questions, which aim to anchor knowledge and determine the achievement of learning objectives.

The final grade for the course corresponds to a weighted average of the grades from all the evaluation questionnaires.

To pass the course, you will have to answer all the graded evaluation questionnaires and obtain an average equal to or greater than 65% among all the graded activities.

To check your progress in the course, go to the "Progress" tab that you will find in the top menu of the platform.

9. INSTRUCTORS

EDGAR ZAMORA
Transport Infrastructure Planning and Development and Road Safety Specialist
Edgar Zamora is a civil engineer with a master's degree in Project Management. He worked as a Transportation Specialist for the IDB and has participated in various teams designing and executing infrastructure and transportation projects in the Mesoamerican region.

MAURICIO PINEDA
Road Safety Audits and Inspections Specialist
Mauricio Pineda Rivera holds a Civil Engineer and a Master in Traffic and Transportation, with 35 years of professional experience, mostly dedicated to road safety, traffic and transportation. He has worked in the execution of several National and Regional Road Safety Plans in Colombia and in the construction of Technical Manuals and Guides for road signaling, road safety audits and inspections, vehicle containment systems, lateral zone management, traffic calming, regulation of speed on urban roads and rural roads, among others. His professional work is mainly conducting audits and inspections of road safety, the design and implementation of road safety management systems and advice to companies and entities.

ELIAS RUBINSTEIN
Infrastructure Specialist at FONPLATA
Elías is a civil engineer at the Universidad de la República in Uruguay and has a master's degree on transportation from the Federal University of Rio Grande do Sul in Brazil. Previously, he was a Sector Specialist in the IDB Transportation Division since 2016 and currently work as a Transport Specialist in FONPLATA He also worked for twenty years in private consulting in management and conservation of road assets, traffic engineering and urban transport. He teaches urban transport at the Faculty of Engineering of the University of the Republic in Uruguay.

ROB MCINERNEY
Chief Executive Officer at the International Road Assessment Programme (iRAP)
Rob is the Chief Executive Officer for the international Road Assessment Programme (iRAP), a registered charity with the vision for a world free of high-risk roads. With RAP projects and programmes now active in over 70 countries worldwide, Rob works closely with key automobile club, political and technical leaders to build local capacity and deliver large scale and long-term road safety benefits through the provision of safer road infrastructure as part of their own RAP programmes.

JULIO URZUA
Director Americas and the Caribbean at the International Road Assessment Programme (iRAP)
For 10 years he has been the Director for Latin America and the Caribbean of the International

entity iRAP. In recent years he has led road safety projects in various Latin American countries including Mexico, Paraguay, Uruguay, Peru, Chile, Belize, Colombia, Brazil, among others. He has participated in various events organized by United Nations Agencies, Development Banks, Universities, and public and private associations. Julio Urzúa has a degree from the Faculty of Administration and Economics of the University of Santiago de Chile (USACH), has a master's degree in Public Policy from the University of Wisconsin- Madison, United States (2004) and is also a graduate of the Vision Zero program in Road Safety, from Trafikverket, Sweden (2018). Until 2004, he was an advisor to the Minister of Public Works, Transport and Telecommunications of the Government of Chile. Starting in 2004, he was Director of the National Traffic Safety Commission of Chile (CONASET).

CLAUDIA ADRIAZOLA-STEIL
Deputy Director, Urban Mobility and Director, Health & Road Safety, WRI Ross Center for Sustainable Cities Claudia Adriazola-Steil has worked in the transport sector for almost 20 years. As Director of Health and Road Safety at WRI Ross Center for Sustainable Cites, she focuses on the intersection of sustainable mobility, climate change, public health and equity. Over the last 11 years at WRI, Claudia has been instrumental in developing one of the most innovative road safety programs in the world, significantly influencing the international agenda, as well as those of national and local governments. During her tenure, Claudia has led WRI's Urban Mobility Program as Interim Director for a year and a half, advancing new partnerships and reshaping the mobility agenda to reflect the changes on new technology, including shared and autonomous vehicles, bike and scooter share programs, big data, among others. Claudia has experience working in Latin America, Asia and Africa and has overseen over US$ 45M in investments.

Claudia previously held managerial positions in Peru's national government, including General Director of Land Transportation and Executive Manager of the National Council of Road Safety in the Ministry of Transport, and Head of the Legal Department of the Superintendence of Public Registries in the Ministry of Justice. Originally a lawyer, Claudia was later trained in transport management in Germany. In 2008, she graduated with an Executive Master of Public Administration and an MA in International Relations from the Maxwell School of Public Administration at Syracuse University, New York.

10. PARTICIPANT SUPPORT SERVICES

As the course unfolds, the following services will be available:

10.1 EDX HELP CENTER

In the **edX Help Center**, you will find answers to frequently asked questions about starting the course, basic edX information, certificates and other related topics.

10.2 PARTICIPANT SUPPORT

In the "**Participant support**" tab you will find a series of resources that you can use according to your needs:

- **General FAQ**: here you will find answers to general course topics, such as deadlines or the format of assessment questionnaires.
- **Technical FAQ**: here you will find answers to technical questions, such as the visualization of resources on computers or mobile devices.
- **Technical assistance form**: if you do not find an answer to your question, at the end of the page you will find a form through which you can request personalized technical assistance. The response time is less than 24 hours from Monday to Friday and up to 48 hours on weekends.

11. GENERAL POLICIES

11.1 IDBX ACCESSIBILITY POLICY

Since we use the edX platform to deliver the course, we have adopted the edX **accessibility policy**.

11.2 ACADEMIC INTEGRITY POLICY

Since the edX platform is used to deliver the course, academic integrity issues are addressed through the
edX honor code.

11.3 PRIVACY POLICY

Since the edX platform is used to deliver the course, privacy issues are addressed through the **edX privacy policy**.

11.4 LATE DELIVERY POLICY

If you opt for the verified certificate, the deadline for completing all the graded activities is the last day of the course. After the deadline, assessment options will be disabled.