

## SYLLABUS

<b>Course</b>	<b>365858 – Tópicos Avançados em Planejamento dos Transportes</b> <b>(Advanced Topics in Transport Planning)</b>		
<b>WorkLoad</b>	30 hours	<b>Credits</b>	2 credits
<b>Level</b>	Master and PhD		
<b>Type</b>	Optional		
<b>Concentration Area</b>	Logistics, Operation and Transportation Planning		
<b>Professor</b>	Neantro Saavedra Rivano (neantro@unb.br)		
<b>Semester</b>	2022/2 (October 25 <sup>th</sup> , 2022, to February 18 <sup>th</sup> , 2023)		
<b>Class Meetings</b>	Thursday: 08:00 AM – 09:50 AM		
<b>Location</b>	Anexo SG-12 (AT 08/7 - Térreo)		
<b>Course Objective</b>	<p>Electromobility has been recognized as an important element in responding to environmental and energy efficiency challenges in transport. It applies to various segments of the transport markets, in particular passenger vehicles, public passenger transport, freight transport. The implementation of electromobility requires, in addition to the transport equipment (vehicles), other elements, among them, the energy distribution infrastructure and the training of vehicle operators. The objective of this seminar is to discuss this theme considering its various dimensions. The discussion will be informed by the experience of other countries and will be focused on the search for technical solutions and public policies for Brazil and, more specifically, for the Federal District.</p>		
<b>Teaching Method</b>	Seminar format, with presentations by the instructor, students (single or organized in groups), and external guest speakers. Sessions will begin with group discussion of previously selected readings. Main language is English but presentations in Portuguese and Spanish are also possible.		
<b>Course Topics</b>	<p>The first two sessions of the seminar will be devoted to a general discussion of the subject and to an identification of the specific interests of the participants. After that we will define a precise schedule dealing with subjects from the following themes (others may be added at the request of participants):</p> <ol style="list-style-type: none"> <li>1. Regulatory framework</li> <li>2. Human resources formation</li> <li>3. Main technologies</li> <li>4. Infrastructure for electromobility</li> <li>5. Behavioral aspects</li> <li>6. Societal adaptation and the role of civil society</li> </ol>		
<b>Evaluation Criterion</b>	<p><b>1 – EVALUATION</b> The student will be evaluated through a combination of the following criteria: class participation (CP); topic presentation (seminar), both oral (SO) and written (SW); and class attendance.</p>		

## 2 – FINAL SCORE

Given by the following formula:

$$FS = 0.2 CP + 0.4 (SO + SW)$$

## 3 – CONDITIONS FOR APPROVAL

To be approved, the student must meet the following conditions:

- $FS \geq 5.0$ ;
- frequency  $\geq 75\%$ .

Attendance of the students will be recorded by their presence in the virtual class at Microsoft Teams.

## 4 – FINAL GRADE

The final grade will be assigned in accordance with the following criterion:

Grade	Final Score (FS)
SS	$FS \geq 9.0$
MS	$7.0 \leq FS \leq 8.9$
MM	$5.0 \leq FS \leq 6.9$
MI	$3.0 \leq FS \leq 4.9$
II	$0.1 \leq FS \leq 2.9$
SR	$FS = 0.0$

## Bibliography

References will be added later as we move forward with the subjects of this discipline

1. TO BE ADDED
2. TO BE ADDED
3. TO BE ADDED
4. TO BE ADDED
5. TO BE ADDED