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| **HCMC UNIVERSITY OF TECHNOLOGY** | SOCIAL REPUBLIC OF VIETNAM |
| Faculty of Transportation Engineering | Independence - Freedom - Happiness  **------------------------------------** |

# PROJECT ASSIGNMENT

**Student’s full name :** Trịnh Tiến Long **Student’s ID :** 1852047

**Student’s ID :**

**Student’s ID :**

**Training program :** Automotive Engineering **Class :** CC19OTO1

1. **Project title :** Modelling and simulation using Matlab/Simulink and its applications in Electric Power Steering sytem, Part of “ Study of Matlab/Simulink and application on simulation and analysis of mechanical components of the (complete) EPS system ”
2. **Requested content :**

\_ Learning how to use Matlab/Simulink with the Mass-Spring-Damper model.

\_Required to get fully understanding knowledge about the working process of the EPS system using Matlab/Simulink.

1. **Requested products :**

◻ Full report ◻ Poster ◻ Scientific paper

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◻ Software ◻ Firmware ◻ Numerical model

◻ General layout drawings ◻ Detailed drawings ◻ Assembly drawings

◻ Others:

1. **Date of assignment** *(dd/mm/yyyy)* **:** September 2022
2. **Date of accomplishment** *(dd/mm/yyyy)* **:** December 2022.

**The project assignment is approved by the Derpartment of Automotive Engineering.**

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| *Date (dd/mm/yyyy) :* December 2022  **Head of Department** | *Date (dd/mm/yyyy) :* December 2022  **Project Advisor** |