Université d'Ottawa
Faculté de génie

Département de
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Faculty of Engineering

Department of
Civil Engineering

CVG 2141 – CIVIL ENGINEERING MATERIALS

Quiz VIII

Dr. Leandro F. M. Sanchez — Deadline: **November 25th, 2020**

1. **Describe the three types of iron components that can be used in civil engineering. Show differences and give examples of their use.**
2. **Describe step by step the process of making steel.**
3. **Explain the impact of carbon content in the steel product.**
4. **What are the possible rolling types? What are the differences between them, and the products manufactured through each one?**
5. **Describe the 3 types of possible strengthening mechanisms for steel members.**
6. **Show the parameters necessary for the development of steel corrosion. Indicate the different forms of corrosion and strategies to control it.**