

Reading Quiz 0.2 part II, and 1.1 - INTD290

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1 How to Submit this Assignment

Once you answer the questions, take a picture of your work and convert it to a PDF. Submit the PDF to the assignment link on Moodle.

2 Nueva España

1. Discuss some examples of the book trade between France, Spain, and New Spain. What is the implication for the growth of Enlightenment knowledge in New Spain?

Books from France were disguised as religious books to smuggle them in. The demand for books, mostly for enlightenment ideology, caused a rise of book stores, bringing people from around the world to develop their book businesses in New Spain & throughout

2. Hispanic America.

3 Nueva Granada

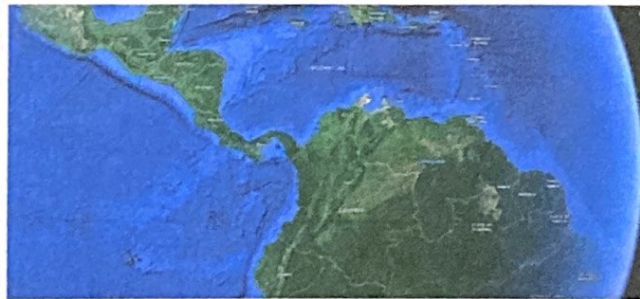


Figure 1: A map of the Northern edge of South America and the Caribbean.

1. On Fig. 1, label the locations of the following cities:

- Quito - Ecuador
- Santa Fe (de Bogotá) - Colombia
- Caracas - Venezuela

2. List the universities in each of the above cities. Which ones were founded with Enlightenment ideals in mind, and at which ones were taught concepts from Newtonian (as opposed to Scholastic) physics?

- Quito - Universidad Gregoriana (Newtonian physics)
- Santa Fe - Universidad Javeriana (Enlightenment ideals)
- Caracas - Universidad de Caracas (Enlightenment ideals)

4 Comparisons of Adoption of Scientific Revolution

1. What do the contrasted examples of José Ignacio Bartolache and José Celestino Mutis say about the acceptance of the Scientific Revolution in the different *virreinos*? Give examples of the accomplishments of each person, and give context for the acceptance of the work of each in their respective *virreinato*.

Mutis was able to stimulate scientific interest of Newtonian physics, but failed at institutionalizing it since there were other groups fighting for power of the education system.

2. Discuss the educational roles of the Jesuits and the Dominicans in Nueva Granada¹. When did the Jesuits leave Nueva Granadan education, and why? How did the Dominicans operate educational institutions as they asserted control over various universities?

3. Eventually, the Spanish Crown took control of education. How did this happen, and more importantly, why would the Crown wish to do this? Now turn your attention to the time before the Spanish Crown took over education. This one is worth a bonus point. How did control of education grant political control? Why would the power to confer degrees give someone political power?

Once the Jesuits were banished, Creole elites wanted to take over education. However, the Spanish crown stopped the creole elites, and the crown assumed power of education. This increased the power of the crown because they can control who is qualified to be governing officials.

5 Advent of Newtonian Physics in Nueva Granada

1. Discuss the significance of the geodetic expedition of Charles de la Condamine in 1735. What was the goal? What were the cultural outcomes for Creole peoples, according to the writings of Alexander von Humboldt?

The geodetic expedition of la Condamine helped create interest in science. The goal of the expedition was to get measurements to understand the geometry of the Earth.

2. Which Catholic religious order first taught Newtonian physics in Nueva Granada?

- Carmelites
- Dominicans
- Franciscans
- Jesuits

Did this order always teach Newtonian physics?

No, but in an effort to maintain power they wanted to

¹It might be helpful to know: Dominican universities were sometimes named *San Tomás*, after Saint Thomas Aquinas (not Saint