Reading Quiz 0.2 part II, and 1.1 - INTD290

Dr. Jordan Hanson - Whittier College Dept. of Physics and Astronomy January 24, 2021

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?

The Devide breakers were French track sellers that distinct beeths to the new world. This influence books contributed to enlightment thinking in her spain and intern, a man for sometiment in lath amore.

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
 - Santa Fe (de Bogotá)
 - Caracas
- 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 Scholastic) physics?

according to the introduction of charter 3, Protosons at universities in all three cities fashed to incorporate enternment ideals into the Carriculums while the vice regards and New Francis arrowinged herman Philosophy

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 virreinatos? Give examples of the accomplishments of each person, and give context for the acceptance of the work of each in their respective virreinato.

Bartolache was a Physician with an ettensive I brange on Various Subjects. Meetis was a doctor and nationalist Known it reaching their ist madern math and Proses courses out cologio de Novestra Sexora del rosario. months's work was more relebrated within his Vinne inations he was a distinguished Chaferer

 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?

The Josaits togathe enobabilism while the Daminians were interior at Sectionalism. The Jesuits were extelled in 1767 infance on the Sectorianist teachings of the Dominicans.

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?

the Spanin crown took over education inorder to regulate information in the octonies. Control of education granted control control because indudads wan an equipment had political form and it gian can control who has an education/what that education is you can control the Politics of the area.

Advent of Newtonian Physics in Nueva Granada 5

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? this expedition would circulate newtonian Physics before it was widely tongth in conversities, the create feetle increased into-st in Scientisic invertigation. 2. Which Catholic religious order first taught Newtonian physics in Nueva Granada?

- - Carmelites
 - Dominicans
 - · Franciscans
- () Jesuits

Did this order always teach Newtonian physics?

UO

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