# Reading Quiz 0.2 - INTD290 ... Part I

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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 Hispanic America's Historical Dynamics

- The author lays out the central argument of the chapter in this section, which is the connection between
  merchant guilds, the domestic economy, and the constitution of enlightenment institutions. Please list some of
  the institutions, like colleges and botanical gardens (think of these as research institutes), mining guilds and
  corporations, etc. Give the dates, organized by country below:
  - (a) México: Mining 1792, Botony 1788, ACKS 1785
  - (b) Perú: Laboratorio Químico-Metalargico 1792 (Lima, I think is in Perú)
  - (c) Venazuela (Caracas): Academia de Matemáticas 1700
  - (d) Guatemala: Jardín Botonico 1796, Drawing & Math 1797

#### 3 Modern Scientific Culture

1. Discuss the significance of empiricism, or the use of observations from instruments, on scientific culture. How was this different from Scholasticism? (Feel free to look up the definitions of these terms).

The use of scientific instruments helped create quantifiable geomsistant data. With reliable data generalized reasoning, Scientifits could make better conclusions when Studying nature. Since explrements could be released to Verify results, Scientifits no longer had to rely on rossibly false information that has been rossed adwin.

# 4 Hispanic American Scientific Culture

1. Notice the discussion of Scientific Libraries. Discuss the significance of the formation of private scientific libraries in Enlightenment period Hispanic America. What does the existence of these collections of new, modern books tell us about scientific culture at the time? Why where these books not in common libraries? What are a few other examples of the birth of modern scientific culture that more private than public or nationalized?

The Creation of Private libraries in response to consorship shows that the Community had a strength that was threatening to the Church. These Scientific books were not in Common libraries because they went against the Profaganda of the Church.

- 2. Notice the discussion of Scientific and Technical Journals. Give several examples of scientific and technical journals emerging in the culture. When were they created and what did they cover?

  Diario Literario de México 1768/Observaciones Sobre La Fisca, Historia
  Natural y Artes Util \$1787-1788, this journal covered Physics, natural history, Auseful arts of Mercurio Peruano 1791, was a Peruvian journal covering various tolics such as botony, medicine, Physics, etc.
- 3. What was the significance of the debate over mining methods? Who eventually won the debate and why?

Minerologist were sent to Persuade miners in Latin America to use a "new" method that was supposed to be more efficient. However, Americans already new about that method & when they demonstrated the Patio Process, they proved that for minerals

Containing small amounts of gold & Silver, the Patio Process
That they have already been using, was the more essectent way to do it.