**Grassy University of Santo Tomas (GUST)**

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**Mom’s Grassy Chess Academy 101**

**FOR GLOBAL FARMER-ENGINEERS, FOR GLOBAL STEM MAJORS, and FOR MY GLOBAL DESCENDANTS**

**“FREE”**

**Course Description**

This course provides an Introduction to Mom’s Grassy Chess, and an introduction to Military Science using Chess Science.

**Textbook and Supplemental Materials**

* Academic Lectures of **Professor Deauna**
* Open Educational Resources (funded by **Bill Gates**)
* Any College Level Critical Thinking Textbook
* Any Chess Book
* Any Military Strategy and Tactics Book

**Equipment**

Computer with Internet Access

Compass

Chessboard and Chess Pieces

Graphically Designed Chessboard and Chess Pieces

**Course Objectives**

Upon completion of the course:

* The Global Farmer Engineers should be able to understand the fundamentals of Mom’s Grassy Chess.
* The Global Farmer Engineers should recognize that the Chessboard is the Battlefield.
* The Global Farmer Engineer should be able to apply the concepts that the Chesspieces are with values.
* The Global Farmer Engineers should use Chess rules and Military rules for the Chess game.
* The Global Farmer Engineers should be able to explain the Colors, Letters, and Numbers (CLAN) of Chess and Chess notations.
* The Global Farmer Engineers should be able to understand the Concentration of Power.
* The Global Farmer Engineers should be able to understand strategy and tactics.
* The Global Farmer Engineers should be able to understand static chess and dynamic chess.
* The Global Farmer Engineers should be able to apply the Chess skills learned associated with the objectives listed above.
* The Global Farmer Engineers should be able to explain the basic concepts of Chess in oral and written forms.
* The Global Farmer Engineers should be able to apply the concepts learned to better understand the world by using Chess Concepts and use those concepts to produce food for all.

**Objectives for the week**

Upon completion of the Activities For This Week, you should be able to

* + understand that the Chessboard is a battlefield.
  + understand that the Chess Pieces are with values.
  + apply Chess rules in both Static Chess and Dynamic Chess.
  + use the fundamentals of Chess Openings.
  + use the Middle Engagement concepts by pinning, deflecting, and exchanging.
  + understand the Central Concentration of Power.
  + use the Game Ender concepts of opposition and promotion.
  + practice static Chess and dynamic Chess consistently with your binary.
  + probe the STEM concepts learned.
  + continue the engagement and finish the engagement at all times.
  + engage the other side consistently.
  + apply all Chess Science concepts learned for Rice and Food Production.
  + write a binary paper on Chess Science and the Battle of Lepanto.
  + practice consistently and progress to become a Mom’s Grassy Chessmaster.

**Delivery and Netiquette**

As an online course, the Farmer-Engineers should understand the importance of scheduling, and work in a timely and professional manner with their binary and their squad if there is one. The binary should accomplish the work together before 8:00 PM EST on Friday of each week. The binary should follow the military netiquette in our online course. The rules (administrative controls) are as follows:

1. The Global Farmer-Engineer should focus on “concepts”. The concepts are the main ideas of each week.
2. Post positive messages with minimal grammatical and spelling errors with your binary.
3. Use MLA format for your e-mails and your posts to your binary.
4. Remember the chain of command is from the General, Colonels, Majors, Captains, Lieutenants, Squad Leaders, and the Binary.
5. Remember, your online posts are accessible to everyone, be constructive.
6. Always refer to your binary with regards to decision making.
7. The Global Farmer-Engineers should consider the internet as the virtual classroom.
8. The Global Farmer-Engineers should be respectful and professional on the internet at all times.

**Learning Activities and Assessments**

A “weekly activities handout” will be available every Monday. It will contain the activities for the whole week. The activities are:

**A. Discussion Forum**

The Global Farmer Engineers should answer the questions in the Discussion Forum. The Discussion Forum consists of two parts.

**B.** **Connecting The Concepts**

There are two concepts that you have to use in sentences every week. Connecting The Concepts exercise is a critical thinking exercise I designed and I have been using Connecting The Concepts for 30 years now. I will explain this further on the first handout. Connecting The Concepts is related to your Binary Project Paper, which you have to produce before the end of this course.

**C. Binary Project Paper**

You have to research and write a paper on Chess Science and the Battle of Lepanto before the end of this course. Updates will be given every week. The binary will use the five colors of the rainbow if a squad will be formed. The Binary Project Paper is due on the Week of 4/29.

Red = 2

Orange = 2

Yellow = 2

Green = 2

Blue = 2

Squad = 10 with a Squad Leader.

You can choose your own squad leader.

**D. Chess Video Exercise**

**Video exercises**

There is one movie or video you have to watch each week. The Chess Video is aligned with the objectives of this course. Watch a movie or a video of your choice. Discuss the movie with your binary. Your binary will do the same.

**E. “OPEN” Questions?**

**Read my online posts. Questions can be answered at the Binary Level.**

**The Rubric for Discussion Forum**

|  |  |  |  |
| --- | --- | --- | --- |
| **Criteria** | **2** | **1** | **0** |
| **Questions answered** | **Answered the question(s)** | **Responded to your binary or to your squad** | **No response** |

1. **Practice with Binary Exercises**

I will explain these exercises further in the first handout.

**The Rubric for Practice with Binary Exercises**

|  |  |  |  |
| --- | --- | --- | --- |
| **Criteria** | **5.0** | **5.0** | **0** |
| **Practice played and recorded** | **Played and Recorded** | **Played** | **Not played** |

**The Rubric for Chess Video Exercise**

|  |  |  |  |
| --- | --- | --- | --- |
| **Criteria for Chess Video Exercise** | **5.0** | **1.0 each** | **0** |
| **Discussion** | **Watched Video (Integrity)** | **For each sentences** | **No video watched** |

1. **CONNECTING THE CONCEPTS and the Binary Project Paper**

CONNECTING THE CONCEPTS exercise, as I have mentioned earlier, is a critical thinking exercise I designed for this course. I will explain this further on the first handout. CONNECTING THE CONCEPTS is related to your Binary Project Paper, which you have to produce before the end of the course. The Binary Project Paper is due on the Week of 4/29.

**The Rubric for CONNECTING THE CONCEPTS**

|  |  |  |  |
| --- | --- | --- | --- |
| **Criteria** | **10 points** | **5 points per concept** | **0** |
| **2 Concepts posted in sentences** | **2 Concepts** | **Less than 2 concepts** | **No response** |

**The Rubric for the BINARY PROJECT PAPER**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Points | 90-100 points | 80-89 points | 70-79 points | 0-69 |
| Accuracy of Concepts (50%) | Paper shows clear understanding and application of course concepts. Background information is accurate. [50 points] | Paper shows moderate understanding and application of course concepts. Background information contains minor omissions or inaccuracies. [44.5 points] | Paper shows little to no understanding or application of course concepts. Background information contains key omissions or inaccuracies. [39.5 points] | No paper submitted or inaccurate/non-credible information [34.5 points] |
| Relevance of Post (30%) | Paper directly addresses discussion topic; prompts further discussion of topic. [30 points] | Paper is related to discussion topic. [26.7 points] | Paper makes reference to discussion topic. No clear discussion is made. [23.7 points] | No paper or irrelevant information. [20.7 points] |
| Timeliness (10%) | Paper submitted before deadline [10 points] | Paper submitted after due date but before twenty-four hours after due date. [8.9 points] | Paper submitted one day late. [7.9 points] | No paper submitted. [0 points] |
| Clarity and Organization (10%) | Paper in proper MLA format (in-text citations and bibliography). [10 points] | Paper in proper MLA format with missing in-text citations. [8.9 points] | Paper with no in-text citations with bibliography. [7.9 points] | No paper submitted. [0 points] |

**More on the Binary Project Paper**

Each binary will present a project dealing with Chess Science and the Battle of Lepanto. Each binary will present an 8 page report. The 8 page report comprises one cover page (MLA formatted), one page full picture of The Battle of Lepanto, and one page bibliography. The remaining 5 pages will be describing Static Chess (one page), Dynamic Chess (one page), Opening (one page), Middle Engagement (one page), and Chess Ender (one page) with correlation to Rice and Food Production.

**Teaching Procedures**

This is an asynchronous course. As stated in the Learning Activities and Assessments, I will be giving out handouts on Mondays. It will contain the activities for the whole week. The activities include discussions with your binary. The Global Farmer-Engineers will also need to respond to other binaries. These discussions will be ongoing throughout the week. Working with your binary or with other binaries follows the behaviorist approach of teaching similar to drill and practice done in military training.

Then, there is CONNECTING THE CONCEPTS exercise, which is a critical thinking exercise. As I mentioned earlier, I have personally devised the CONNECTING THE CONCEPTS exercise to teach the binaries how to apply their growing knowledge base to concepts all while utilizing multimedia. For the Farmer-Engineers, the concepts are the same. You can use the multimedia materials available online. This follows the cognitivist approach.

The Binary Project Paper is an assignment geared towards collaborative learning. The binary must create and submit an original eight-page report, which will be analyzed after submission, based upon accuracy of concepts presented, the relevance of the project, its timeliness, and its clarity and organization. This is a good learning experience for all at the binary level. This activity follows the constructivist way of learning.

The Chess practice is another application of student knowledge, in which the binary practice with static and dynamic Chess with the other side. In Mom’s Grassy Chess Academy, there are two sides. The two sides are the Same Side (SS) and the Other Side (OS).

There is one Chess video exercise that the binary must watch. The Chess video exercise is aligned with objectives as presented in the syllabus.

**Communication Policy**

When you contact me via e-mail, it is important that your communication be professional, appropriate, and military. Although we are online, it is best to follow the Grassy University of Santo Tomas policies.

**Course Topics**

The course will start with the Chessboard followed by The Chess Pieces, Chess Rules, The Clan of Chess, Concentration of Power, Strategy and Tactics, Chess Strategy, Chess Tactics, and Central Concentration of Power. There will be practices after each chapter. Finally, the course will end with the Chess Ender.

**Course Schedule**

**Week of 1/8 Introduction/Chessboards**

**Week of 1/15 Practice**

**Week of 1/22 Chess Pieces**

**Week of 1/29 Practice**

**Week of 2/5 Chess Rules**

**Week of 2/12 Practice**

**Week of 2/19 The CLAN of Chess and Chess Notations**

**Week of 2/26 Practice**

**Week of 3/4 Concentration of Power**

**Week of 3/11 Practice**

**Week of 3/18 Strategy and Tactics**

**Week of 3/25 Practice**

**Week of 4/1 Chess Strategy**

**Week of 4/8 Practice**

**Week of 4/15 Chess Tactics**

**Week of 4/22 Practice**

**Week of 4/29 Central Concentration of Power/ Binary Project Paper due**

**Week of 5/6 Practice**

**Week of 5/13 Chess Ender**

**Week of 5/20 Practice/ End of Course**