

# Minnesota State College Southeast

## CRTK 1295: Critical Thinking through Chess

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 2

Lab Hours/Week: 2

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: Goal 02 - Critical Thinking

This course will serve to introduce the student to the principles, strategies, and tactics employed in the game of chess. Specifically, students will work repeatedly through the sequence of positional judgment, risk evaluation, careful planning, execution, and adaptation. (MnTC Goal 2) (Prerequisite: none) (3 credits: 2 lecture/1 lab)

**B. COURSE EFFECTIVE DATES:** 07/28/2016 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Rules of the game
2. Principles of opening theory
3. Tactics
4. Positional strategy
5. Game notation

### D. LEARNING OUTCOMES (General)

1. Demonstrate a thorough understanding of the rules and equipment - including the positional capacities of the pieces - used in the game of chess
2. Identify the various phases of the game - opening, middle, endgame - and be able to apply the salient tactical and strategic principles associated with each in typical game situations
3. Demonstrate an ability to apply checkmating techniques in appropriate game situations
4. Demonstrate an ability to write, read, and replay game moves through descriptive or algebraic notation, with or without the inclusion of oral or written commentary
5. Assess threats against one's board position and devise viable defensive maneuvers
6. Analyze board positions to determine viable alternatives for effective play
7. Employ strategic and tactical principles in particular game situations
8. Demonstrate an ability to conduct a post-mortem analysis on one's own games of chess

## **E. Minnesota Transfer Curriculum Goal Area(s) and Competencies**

### Goal 02 - Critical Thinking

1. Gather factual information and apply it to a given problem in a manner that is relevant, clear, comprehensive, and conscious of possible bias in the information selected.
2. Imagine and seek out a variety of possible goals, assumptions, interpretations, or perspectives which can give alternative meanings or solutions to given situations or problems.
3. Analyze the logical connections among the facts, goals, and implicit assumptions relevant to a problem or claim; generate and evaluate implications that follow from them.
4. Recognize and articulate the value assumptions which underlie and affect decisions, interpretations, analyses, and evaluations made by ourselves and others.

## **F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

## **G. SPECIAL INFORMATION**

This course was previously HUMA 2595.