South Central College

ECE 2550  Cognitive Development

Course Outcome Summary

Course Information

Description
This course provides an overview of cognitive and multimedia learning experiences in home, school, or center-based settings. Students integrate knowledge of child development, learning environments, and teaching methods to promote curiosity, attention, perception, memory, problem solving, logical thinking, and media literacy. (Prerequisite: ECE 1210)

Total Credits 3
Total Hours 48

Types of Instruction

Instruction Type Credits/Hours
Lecture 3/48

Pre/Corequisites

ECE 1210

Institutional Core Competencies

Communication - Students will be able to demonstrate appropriate and effective interactions with others to achieve their personal, academic, and professional objectives.

Course Competencies

1. Review cognitive development
   Learning Objectives
   Review ages and stages of cognitive development
   Identify cognitive goals and objectives
   Review learning theory

2. Promoting curiosity
   Learning Objectives
   Describe curiosity/attention
   Analyze learning environment/curiosity/attention
   Determine curiosity/attention teaching strategies
   Collect curiosity/attention learning experiences
   Implement curiosity/attention learning experiences
3. **Examine perception**
   Learning Objectives
   Describe perception
   Analyze learning environment/perception
   Determine perception teaching strategies
   Collect perception learning experiences
   Implement perception attention learning experiences

4. **Explore memory**
   Learning Objectives
   Describe memory
   Analyze learning environment/memory
   Determine memory teaching strategies
   Collect memory learning experiences
   Implement memory learning experiences

5. **Investigate problem solving**
   Learning Objectives
   Describe problem solving
   Analyze learning environment/problem solving
   Determine problem solving teaching strategies
   Collect problem solving learning experiences
   Implement problem solving learning experiences

6. **Examine logical thinking**
   Learning Objectives
   Describe logical thinking
   Analyze learning environment/logical thinking
   Determine logical thinking teaching strategies
   Collect logical thinking learning experiences
   Implement logical thinking learning experiences

7. **Explore number sense and number operations**
   Learning Objectives
   Describe number sense and number operations
   Analyze learning environment/number sense/number operations
   Determine number sense/operations teaching strategies
   Collect number sense/operations learning experiences
   Implement number sense/operations learning experiences

8. **Describe spatial/temporal relations**
   Learning Objectives
   Analyze learning environment spatial/temporal relations
   Determine spatial/temporal relations teaching strategies
   Collect spatial/temporal relations learning experiences
   Implement spatial/temporal relations learning experiences

9. **Describe patterns and relationships**
   Learning Objectives
   Analyze learning environment/ patterns and relationships
   Determine patterning/relationships teaching strategies
   Collect patterning/relationships learning experiences
   Implement patterning/relationships learning experiences

10. **Explore technology literacy**
    Learning Objectives
    Describe technology literacy
Analyze learning environment/technology
Determine technology literacy teaching strategies
Collect technology literacy learning experiences
Implement technology learning experiences

**SCC Accessibility Statement**

South Central College strives to make all learning experiences as accessible as possible. If you have a disability and need accommodations for access to this class, contact the Academic Support Center to request and discuss accommodations.  North Mankato: Room B-132, (507) 389-7222;  Faribault: Room A-116, (507) 332-5847.

Additional information and forms can be found at:  [www.southcentral.edu/disability](http://www.southcentral.edu/disability)

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