102 --- Teacher – elementary classroom.

Child growth and development with emphasis on the emotional, physical and mental characteristics of elementary age children

| Course # | Course Title | Institution | Semester Hr. | Year Completed |
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At least 9 semester hours in literacy which must include:

- 1. Content:
 - 1. Children's literature:
 - 2. Oral and written communication skills for the twenty-first century.
- 2. Methods:
 - 1. Assessment, diagnosis and evaluation of student learning in literacy;
 - 2. Integration of the language arts (to include reading, writing, speaking, viewing, and listening):
 - 3. Integration of technology in teaching and student learning in literacy;
 - 4. Current best-practice, research-based approaches of literacy instruction;
 - 5. Classroom management as it applies to literacy methods;
 - 6. Pre-student teaching clinical experience in teaching literacy.

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At least 9 semester hours in mathematics which must include:

1. Content:

- 1. Numbers and operations;
- 2. Algebra/number patterns;
- 3. Geometry:
- 4. Measurement;
- 5. Data analysis/probability.

2. Methods:

- 1. Assessment, diagnosis and evaluation of student learning in mathematics;
- 2. Current best-practice, research-based instructional methods in mathematical processes (to include problem solving; reasoning; communication; the ability to recognize, make and apply connections; integration of manipulatives; the ability to construct and to apply multiple connected representations; and the application of content to real world experiences);
- 3. Integration of technology in teaching and student learning in mathematics:
- 4. Classroom management as it applies to mathematics methods;
- 5. Pre-student teaching clinical experience in teaching mathematics.

K-6 Elementary Classroom Teacher Endorsement Worksheet

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At least 9 semester hours in social sciences which must include:

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- 1. History;
- 2. Geography;
- 3. Political science/civic literacy;
- 4. Economics:
- 5. Behavioral sciences.

2. Methods:

- 1. Current best-practice, research-based approaches to the teaching and learning of social sciences;
- 2. Integration of technology in teaching and student learning in social sciences;
- 3. Classroom management as it applies to social science methods.

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At least 9 semester hours in science which must include:

1. Content:

- 1. Physical science;
- 2. Earth/space science;
- 3. Life science.

2. Methods:

- 1. Current best-practice, research-based methods of inquiry-based teaching and learning of science;
- 2. Integration of technology in teaching and student learning in science;
- 3. Classroom management as it applies to science methods.

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K-6 Elementary Classroom Teacher Endorsement Worksheet

At least 3 semester hours to include all of the following:

- 1. Methods of teaching elementary physical education, health, and wellness;
- 2. Methods of teaching visual arts for the elementary classroom;
- 3. Methods of teaching performance arts for the elementary classroom

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Pre-student teaching field experience in at least two different grade levels to include one primary and one intermediate placement.

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A field of specialization in a single discipline or a formal interdisciplinary program of at least 12 semester hours.

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