The Department of Education Studies prepares professionals to become reflective and informed practitioners, social justice advocates, and transformational leaders in their professional fields and in the larger society. To that end, we demonstrate and reinforce the shared vision and purpose of the SFASU College of Education. It is our mission to prepare professionals who will have a positive impact on advocacy, teaching, and learning in a diverse and evolving world.

## INSTRUCTOR INFORMATION

<table>
<thead>
<tr>
<th>Instructor</th>
<th>Mark S. Montgomery, Ph.D.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Office Location</td>
<td>ECRC 209S</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:montgromems@sfasu.edu">montgromems@sfasu.edu</a></td>
</tr>
<tr>
<td>Office Phone</td>
<td>(936) 468-1697</td>
</tr>
<tr>
<td>Office Hours</td>
<td>M: 2:30-3:30pm; T: 12:00-1:00pm; W: 9:30-11:00am; Th: 12:30-2:00pm; (all online) additional by appointment</td>
</tr>
<tr>
<td>Office Hour Links</td>
<td>ZOOM link for questions or support available upon request</td>
</tr>
<tr>
<td>Other Contact Info</td>
<td>Education Studies Department, (936) 468-2904</td>
</tr>
</tbody>
</table>

## SECTION 1: COURSE INFORMATION

<table>
<thead>
<tr>
<th>COURSE TIME AND LOCATION:</th>
<th>M 8:00-10:30am; ECRC 217</th>
</tr>
</thead>
<tbody>
<tr>
<td>COURSE MODALITY</td>
<td>Face-to-Face</td>
</tr>
<tr>
<td>CREDIT HOURS:</td>
<td>3</td>
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</table>

## COURSE BULLETIN DESCRIPTION

Examination of the mathematics curriculum for grades EC-6 with emphasis on current practices, trends, and research on effective practices for teaching mathematics. This course includes investigation of activities and materials appropriate for achieving mathematics objectives.

## COURSE JUSTIFICATION

ELED 4320 “Teaching Mathematics in EC-6” (3 credits) includes 15 weeks of scheduled learning plus 1 week of final assessment/exams for a 16-week total semester. Students meet in a face-to-face class setting for two and a half hours each week. The course contains research-based pedagogical activities that support students in understanding best practices for teaching mathematics in the EC-6 grades. Students are expected to attend class and participate in activities each week, create several activities suitable for teaching major concepts in mathematics pedagogy and content, and take a written final examination. Readings are included within the modules and are used as a basis for understanding for the entire course. For every hour a student spends engaging with the content in class, he/she spends at least two hours completing associated activities and assessments.

## CO-REQUISITES (Courses taken with this course.)

- ELED 4330
- ELED 4310
- READ 4340

C or higher required for all courses; failure to achieve a C or higher in ELED 4330 and/or failure of two or more corequisites will delay proceeding to Clinical Teaching semester. Failure of ELED 4330 two times will result in removal from EPP.

## PRE-REQUISITES (Courses that must be completed before taking this course.)

- ECED 3310
- ECED 3320
- ELED 3330
- READ 3330

## SECTION II: INTENDED LEARNING OUTCOMES/GOALS/OBJECTIVES

### PERKINS COLLEGE OF EDUCATION VISION, MISSION, GOALS, AND CORE VALUES (VMGV) GENERAL STATEMENT

Each assignment in ELED 4320 is designed to reinforce the shared vision and purpose of the SFASU College of Education. It is this philosophy and vision that helps distinguish our graduates from those of other institutions. Please review the Perkins College of Education Vision, Mission, Goals and Core Values (VMGV) below.

### VISION OF THE COLLEGE OF EDUCATION

The Department of Education Studies will be a leader in preparing professionals to have a positive impact on advocacy, teaching and learning in a diverse and evolving world.

### MISSION STATEMENT OF THE COLLEGE OF EDUCATION

The Department of Education Studies prepares professionals to become reflective and informed practitioners, social justice advocates, and transformational leaders in their professional fields and in the larger society. To that end, we demonstrate and
The College of Education values fosters in one another creativity, critical insight, empathy, intellectual courage, and civic engagement, everlasting grounds for lifelong inquiry and the foundations for democratic citizenship.

<table>
<thead>
<tr>
<th>VALUES OF THE COLLEGE OF EDUCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>• <strong>Integrity:</strong> We follow moral and ethical principles in all aspects of life, including professional areas at work such as decision making, interacting honestly with colleagues, and serving students and the community in general.</td>
</tr>
<tr>
<td>• <strong>Diversity and inclusion:</strong> We honor, respect, and affirm difference. We thrive in democratic engagement and perform based on the quality and strength of our inclusive social connections, openness to learning from and with others and the depth of the decision-making mindset that it generates.</td>
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<tr>
<td>• <strong>Reflective Informed Practice:</strong> We critically reflect on our actions, creatively engage in a process of life-long continuous learning and are committed to collaborative pedagogical relationships based in sound theory, consistent praxis and academic excellence in benefit of our students.</td>
</tr>
<tr>
<td>• <strong>Equity and Social Justice:</strong> We believe that each person should have equal access to well-being, health, education, wealth, opportunity and justice. We believe that resources should be distributed equitably. We nurture empathy and a spirit of service in our students, equip them with critical frames of understanding and prepare them to become agents of social change.</td>
</tr>
<tr>
<td>• <strong>Democratic Citizenship:</strong> We believe that, as a community of learners, faculty, students, and staff have an active investment in true voice expression and active participation in decision making.</td>
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</tbody>
</table>
### PROGRAM LEARNING OUTCOMES, STUDENT LEARNING OUTCOMES, AND ASSESSMENTS

**PROGRAM LEARNING OUTCOME (PLO) 1: Understanding and Addressing Each Child’s Developmental:** Candidates use their understanding of child growth and development, individual differences, and diverse families, cultures and communities to plan and implement inclusive learning environments that provide each child with equitable access to high quality learning experiences that engage and create learning opportunities for them to meet high standards. They work collaboratively with families to gain a holistic perspective on children’s strengths and needs and how to motivate their learning. (CAEP 1; AMLE 1)

<table>
<thead>
<tr>
<th>STUDENT LEARNING OUTCOMES</th>
<th>ASSESSMENTS/ASSIGNMENT DESCRIPTION</th>
<th>ASSOCIATED STANDARDS</th>
<th>POINTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLO 1.a Candidates use their understanding of how children grow, develop, and plan to implement developmentally appropriate and challenging learning experiences within environments that take into account the individual strengths and needs of children.</td>
<td>SLO 1.a.1 Literature Project – Candidates design problem-solving activity from literature to connect to various students. SLO 1.a.2 Real World Connections – Candidates will create a Google Slide deck that informs students how grade-level mathematics is used by people in various careers. SLO 1.a.3 Number Sense Proofs – Candidates will explore various number sense strategies utilized by students. SLO 1.a.4 Crystallization Responses – Candidates will utilize various technologies to express their thinking about teaching and learning for students with various strengths and needs. SLO 1.a.5 Assessment Practice with Rex – Candidates plan for support strategies for a student named Rex during a problem-solving activity. SLO 1.a.6 Share &amp; Compare/Group-Worthy Lesson Plan – Candidates will design a lesson plan with a group-worthy problem.</td>
<td>• PPR Standards: 1.1k, 1.2k, 1.3k, 1.4k, 1.5k, 1.6k, 1.7k, 1.8k, 1.11k, 1.16k, 1.18k, 1.19k, 1.20k, .21k, 1.24k, 1.25k, 1.29k, 1.1s, 1.2s, 1.3s, 1.4s, 1.5s, 1.6s, 1.7s, 1.8s, 1.9s, 1.10s, 1.11s, 1.12s, 1.13s, 1.14s, 1.21s, 1.22s, 1.23s, 1.27s, 2.1k, 2.2k, 2.3k, 2.4k, 2.5k, 2.6k, 2.7k, 2.8k, 2.23k, 2.1s, 2.2s, 2.3s, 2.7s, 2.8s, 2.9s, 2.20s, 2.21s, 3.3k, 3.8k, 3.9k, 3.10k, 3.11k, 3.15k, 3.16k, 3.1s, 3.4s, 3.5s, 3.6s, 3.7s, 3.8s, 3.9s, 3.10s, 3.14s, 3.20s, 4.1k, 4.2k, 4.4s, 4.13s</td>
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<tr>
<td>SLO 1.b Candidates use their understanding of individual differences and diverse families, cultures, and communities to plan and implement inclusive learning experiences and environments that build on children’s strengths and address their individual needs.</td>
<td>SLO 1.b.1 Literature Project – Candidates design problem-solving activity from literature to connect to various students. SLO 1.b.2 Real World Connections - Candidates will create a Google Slide deck that informs students how grade-level mathematics is used by people in various careers. SLO 1.b.3 Rights of the Learner – Candidates will reflect on how the Rights of the Learner framework impacts a classroom environment. SLO 1.b.4 Classroom Rights &amp; Responsibilities Infographic – Candidates will create an infographic showing how the Rights of the Learner might be integrated into their future classroom. SLO 1.b.5 Number Sense Proofs - Candidates will explore various number sense strategies utilized by students. SLO 1.b.6 Assessment Practice with Rex – Candidates plan for support strategies for a student named Rex during a problem-solving activity. SLO 1.b.7 Share &amp; Compare/Group-Worthy Lesson Plan – Candidates will design a lesson plan with a group-worthy problem.</td>
<td>• Content Standards: 1.1k, 1.2k, 1.3k, 1.5k, 1.2s, 1.3s, 1.4s, 1.5s, 1.6s, 1.8s, 1.9s, 1.10s, 1.12s, 1.13s, 5.1k, 5.2k, 5.4k, 5.6k, 5.3s, 5.4s, 5.5s, 5.6s, 5.7s, 5.8s, 5.12s, 5.13s, 5.17s, 5.18s, 5.19s, 5.20s, 5.21s, 6.6s, 7.1k, 7.2k, 7.3k, 7.4k, 7.5k, 7.6k, 7.7k, 7.8k, 7.9k, 7.10k, 7.11k, 7.12k, 7.18k, 5.20s, 7.1s, 7.2s, 7.3s, 7.4s, 7.5s, 7.6s, 7.7s, 7.12s, 7.14s, 7.15s, 7.18s, 7.21s, 7.22s, 7.23s, 8.1k, 8.2k, 8.3k, 8.4k, 8.5k, 8.6k, 8.7k, 8.1s, 8.3s, 8.4s, 8.5s, 8.6s, 8.7s, 9.7s</td>
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<tr>
<td>SLO 1.b Candidates use their understanding of diverse family, cultural, and community needs and how to motivate their learning. (CAEP 1: AMLE 1)</td>
<td>• ISTE Standards: Learner (1a, 1b, 1c); Leader (2a, 2b, 2c); Citizen (3a, 3b, 3c, 3d); Collaborator (4a, 4c, 4d); Designer (5a, 5b, 5c); Facilitator (6a, 6b, 6c, 6d); Analyze (7a, 7b, 7c)</td>
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**PROGRAM LEARNING OUTCOME (PLO) 2: Understanding and Applying Content and Curricular Knowledge for Teaching:** Candidates demonstrate and apply understandings of major concepts, skills, and practices, as they interpret disciplinary curricular standards and related expectations within and across literacy, mathematics, science, and social studies. (CAEP 2; AMLE 2)
<table>
<thead>
<tr>
<th>STUDENT LEARNING OUTCOMES</th>
<th>ASSESSMENTS/ASSIGNMENT DESCRIPTION</th>
<th>ASSOCIATED STANDARDS</th>
<th>POINTS</th>
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<tr>
<td>SLO 2.b Candidates demonstrate and apply understandings of major mathematics concepts, algorithms, procedures, applications and mathematical practices in varied contexts, and connections within and among mathematical domains.</td>
<td>SLO 2.b.1 Exit Tickets/Reflections – Candidates will be assessed at the end of each class meeting about content presented in class discussion. SLO 2.b.2 Crystallization Responses - Candidates will utilize various technologies to express their thinking about teaching and learning for students with various strengths and needs. SLO 2.b.3 Connection Literature and Number Sense - Candidates design problem-solving activity from literature to connect to various students. SLO 2.b.4 Real World Connections - Candidates will create a Google Slide deck that informs students how grade-level mathematics is used by people in various careers. SLO 2.b.5 Mathematics Analysis of Assessment &amp; Re-engagement - Candidates utilize assessment data from students to identify misconceptions and design a re-engagement lesson for support. SLO 2.b.6 Number Sense Proofs - Candidates will explore various number sense strategies utilized by students. SLO 2.b.7 Assessment Practice with Rex – Candidates plan for support strategies for a student named Rex during a problem-solving activity. SLO 2.b.8 Share &amp; Compare/Group-Worthy Lesson Plan – Candidates will design a lesson plan with a group-worthy problem. SLO 2.b.9 Final Exam – Candidates will reflect on their understanding over the course of the semester as it relates to mathematics education.</td>
<td>• PPR Standards: 1.1k, 1.2k, 1.3k, 1.4k, 1.5k, 1.6k, 1.7k, 1.8k, 1.11k, 1.16k, 1.17k, 1.18k, 1.19k, 1.20k, 1.21k, 1.24k, 1.25k, 1.28k, 1.29k, 1.1s, 1.2s, 1.3s, 1.4s, 1.5s, 1.6s, 1.7s, 1.8s, 1.9s, 1.10s, 1.11s, 1.12s, 1.13s, 1.14s, 1.21s, 1.22s, 1.23s, 1.27s, 2.1k, 2.2k, 2.3k, 2.4k, 2.5k, 2.6k, 2.7k, 2.8k, 3.9k, 3.11k, 2.23k, 2.1s, 2.2s, 2.3s, 2.7s, 2.8s, 2.9s, 2.20s, 2.21s, 3.3k, 3.8k, 3.9k, 3.10k, 3.11k, 3.15k, 3.16k, 4.1k, 4.2k, 3.1s, 3.4s, 3.5s, 3.6s, 3.7s, 3.8s, 3.9s, 10.10s, 3.14s, 3.20s, 4.4s, 4.13s, 10.20</td>
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<td>• Content Standards: 1.1k, 1.2k, 1.3k, 1.4k, 1.5k, 1.6s, 1.8s, 1.9s, 1.10s, 1.12s, 1.13s, 1.5k, 5.2k, 5.4k, 5.6k, 5.3s, 5.4s, 5.5s, 5.6s, 5.7s, 5.8s, 12s, 5.13s, 5.17s, 5.18s, 5.19s, 5.20s, 5.21s, 6.3k, 6.4k, 6.7k, 6.6s, 7.1k, 7.2k, 7.3k, 7.4k, 7.5k, 7.6k, 7.7k, 7.8k, 7.9k, 7.10k, 7.11k, 7.12k, 7.15k, 7.16k, 7.17k, 7.18k, 7.1s, 7.2s, 7.3s, 7.4s, 7.5s, 7.6s, 7.7s, 7.12s, 7.14s, 7.15s, 7.18s, 7.21s, 7.22s, 7.23s, 7.24s, 8.1k, 8.2k, 8.3k, 8.4k, 8.5k, 8.6k, 8.7k, 8.1s, 8.2s, 8.3s, 8.4s, 8.5s, 8.6s, 8.7s, 9.6k, 9.7k, 9.7s</td>
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<td>• ISTE Standards: Learner (1a, 1b, 1c); Leader (2a, 2b, 2c); Citizen (3a, 3b, 3c, 3d); Collaborator (4a, 4c, 4d); Designer (5a, 5b, 5c); Facilitator (6a, 6b, 6c, 6d); Analyst (7a, 7b, 7c)</td>
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**PROGRAM LEARNING OUTCOME (PLO) 3: Assessing, Planning, and Designing Contexts for Learning:** Candidates assess students, plan instruction and design classroom contexts for learning. Candidates use formative and summative assessments to monitor students’ learning and guide instruction. Candidates plan learning activities to promote a full range of competencies for each student. They differentiate instructional materials and activities to address learners’ diversity. Candidates foster engagement in learning by establishing and maintaining social norms for classrooms. They build interpersonal relationships with students that generate motivation and promote students’ social and emotional development. (CAEP 3; AMLE 2)

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<thead>
<tr>
<th>STUDENT LEARNING OUTCOMES</th>
<th>ASSESSMENTS/ASSIGNMENT DESCRIPTION</th>
<th>ASSOCIATED STANDARDS</th>
<th>POINTS</th>
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<tbody>
<tr>
<td>SLO 3.b – Candidates use assessment results to improve instruction and monitor learning.</td>
<td><strong>SLO 3.b.1 - Mathematics Analysis of Assessment &amp; Re-engagement</strong> - Candidates utilize assessment data from students to identify misconceptions and design a re-engagement lesson for support. <strong>SLO 3.b.2 - Number Sense Proofs</strong> - Candidates will explore various number sense strategies utilized by students.</td>
<td>• PPR Standards: 1.1k, 1.2k, 1.3k, 1.4k, 1.5k, 1.6k, 1.7k, 1.8k, 1.11k, 1.16k, 1.18k, 1.19k, 1.20k, 1.21k, 1.24k, 1.25k, 1.29k, 1.1s, 1.2s, 1.3s, 1.4s, 1.5s, 1.6s, 1.7s, 1.8s, 1.9s, 1.10s, 1.11s, 1.12s, 1.13s, 1.14s, 1.21s, 1.22s, 1.23s, 1.27s, 2.1k, 2.2k, 2.3k, 2.4k, 2.5k, 2.6k, 2.7k, 2.8k, 2.23k, 2.1s, 2.2s, 2.3s, 2.7s, 2.8s, 2.9s, 2.20s, 2.21s, 3.3k, 3.8k, 3.9k, 3.10k, 3.11k, 3.15k, 3.16k, 3.1s, 3.4s, 3.5s, 3.6s, 3.7s, 3.8s, 3.9s, 3.10s, 3.14s, 3.20s, 4.13s</td>
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<tr>
<td>SLO 3.c - Candidates plan instruction including goals, materials, learning activities and assessments.</td>
<td><strong>SLO 3.c.1 Linking TEKS to Activity to Assessment</strong> – Candidates show they understand how the TEKS connect to an activity and an appropriate assessment. <strong>SLO 3.c.2 Real World Connections</strong> - Candidates will create a Google Slide deck that informs students how grade-level mathematics is used by people in various careers. <strong>SLO 3.c.3 Mathematics Analysis of Assessment &amp; Re-Engagement</strong> - Candidates utilize assessment data from students to identify misconceptions and design a re-engagement lesson for support. <strong>SLO 3.c.4 Assessment Practice with Rex</strong> – Candidates plan for support strategies for a student named Rex during a problem-solving activity. <strong>SLO 3.c.5 Share &amp; Compare/Group-Worthy Lesson Plan</strong> – Candidates will design a lesson plan with a group-worthy problem.</td>
<td>• Content Standards: 1.1k, 1.2k, 1.3k, 1.4k, 1.5k, 1.2s, 1.3s, 1.4s, 1.5s, 1.6s, 1.8s, 1.9s, 1.10s, 1.12s, 1.13s, 5.1k, 5.2k, 5.4k, 5.6k, 5.3s, 5.4s, 5.5s, 5.6s, 5.7s, 5.8s, 5.17s, 5.18s, 5.19s, 5.20s, 5.21s, 6.6s, 7.1k, 7.2k, 7.3k, 7.4k, 7.5k, 7.6k, 7.7k, 7.8k, 7.9k, 7.10k, 7.11k, 7.12k, 7.15k, 7.16k, 7.17k, 7.18k, 7.1s, 7.2s, 7.3s, 7.4s, 7.5s, 7.6s, 7.7s, 7.12s, 7.14s, 7.15s, 7.18s, 7.21s, 7.23s, 8.1s, 8.2s, 8.3s, 8.4s, 8.6s, 8.7s, 9.7s</td>
<td>100</td>
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<tr>
<td>SLO 3.d - Candidates differentiate instructional plans to meet the needs of diverse students in the classroom.</td>
<td><strong>SLO 3.d.1 Real World Connections</strong> – Candidates will create a Google Slide deck that informs students how grade-level mathematics is used by people in various careers. <strong>SLO 3.d.2 Mathematics Analysis of Assessment &amp; Re-engagement</strong> - Candidates utilize assessment data from students to identify misconceptions and design a re-engagement lesson for support. <strong>SLO 3.d.3 Rights of the Learner</strong> – Candidates will reflect on how the Rights of the Learner framework impacts a classroom environment. <strong>SLO 3.d.4 Classroom Rights &amp; Responsibilities Infographic</strong> – Candidates will create an infographic showing how the Rights of the Learner might be integrated into their future classroom. <strong>SLO 3.d.5 Number Sense Proofs</strong> - Candidates will explore various number sense strategies utilized by students. <strong>SLO 3.d.6 Assessment Practice with Rex</strong> – Candidates plan for support strategies for a student named Rex during a problem-solving activity</td>
<td>• ISTE Standards: Learner (1a, 1b, 1c); Leader (2a, 2b, 2c); Citizen (3a, 3b, 3c, 3d); Collaborator (4a, 4c, 4d); Designer (5a, 5b, 5c); Facilitator (6a, 6b, 6c, 6d); Analyst (7a, 7b, 7c)</td>
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**STUDENT LEARNING OUTCOMES:**
- **SLO 3.b**
- **SLO 3.c**
- **SLO 3.d**
SLO 3.d.7 **Share & Compare/Group-Worthy Lesson Plan** – Candidates will design a lesson plan with a group-worthy problem.

**PROGRAM LEARNING OUTCOME (PLO) 4**: **Supporting Each Child’s Learning Using Effective Instruction**: Candidates make informed decisions about instruction guided by knowledge of children and assessment of children’s learning that result in the use of a variety of effective instructional practices that employ print, and digital appropriate resources. Instruction is delivered using a cohesive sequence of lessons and employing effective instructional practices. Candidates use explicit instruction and effective feedback as appropriate and use whole class discussions to support and enhance children’s learning. Candidates use flexible grouping arrangements, including small group and individual instruction to support effective instruction and improved learning for every child. (CAEP 4; AMLE 4)

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<tr>
<th>STUDENT LEARNING OUTCOMES</th>
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<th>ASSOCIATED STANDARDS</th>
<th>POINTS</th>
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<tbody>
<tr>
<td>SLO 4.a.1 <strong>Connection Literature and Number Sense</strong> – Candidates design problem-solving activity from literature to connect to various students</td>
<td></td>
<td>• PPR Standards: 1.1k, 1.2k, 1.3k, 1.4k, 1.5k, 1.6k, 1.7k, 1.8k, 1.11k, 1.16k, 1.19k, 1.20k, 1.21k, 1.24k, 1.25k, 1.29k, 1.1s, 1.2s, 1.3s, 1.4s, 1.5s, 1.7s, 1.8s, 1.9s, 1.10s, 1.11s, 1.21s, 1.22s, 1.23s, 1.27s, 2.1k, 2.2k, 2.3k, 2.4k, 2.5k, 2.6k, 2.7k, 2.8k, 2.23k, 2.1s, 2.2s, 2.3s, 2.7s, 2.20s, 2.21s, 3.8k, 3.9k, 3.10k, 3.15k, 3.16k, 3.4s, 3.5s, 3.6s, 3.14s, 3.20s, 4.1k, 4.2k, 4.4s</td>
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<tr>
<td>SLO 4.a.2 <strong>Real World Connections</strong> – Candidates will create a Google Slide deck that informs students how grade-level mathematics is used by people in various careers.</td>
<td></td>
<td>• Content Standards: 1.1k, 1.2k, 1.3k, 1.4k, 1.5k, 1.2s, 1.3s, 1.4s, 1.5s, 1.6s, 1.8s, 1.9s, 1.10s, 1.11s, 1.13s, 5.1k, 5.2k, 5.4k, 5.6k, 5.3s, 5.4s, 5.5s, 5.6s, 5.7s, 5.8s, 5.17s, 5.18s, 5.19s, 5.20s, 5.21s, 6.6s, 7.1k, 7.2k, 7.3k, 7.4k, 7.5k, 7.6k, 7.7k, 7.8k, 7.9k, 7.10k, 7.11k, 7.12k, 7.15k, 7.16k, 7.17k, 7.18k, 7.1s, 7.2s, 7.3s, 7.4s, 7.5s, 7.6s, 7.7s, 7.12s, 7.14s, 7.15s, 7.18s, 7.21s, 7.22s, 7.23s, 8.1s, 8.2s, 8.3s, 8.4s, 8.6s, 8.7s, 9.7</td>
<td>100</td>
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<tr>
<td>SLO 4.a.3 <strong>Rights of the Learner</strong> – Candidates will reflect on how the Rights of the Learner framework impacts a classroom environment.</td>
<td></td>
<td>• ISTE Standards: Learner (1a, 1b, 1c); Leader (2a, 2b, 2c); Citizen (3a, 3b, 3c, 3d); Collaborator (4a, 4c, 4d); Designer (5a, 5b, 5c); Facilitator (6a, 6b, 6c, 6d); Analyst (7a, 7b, 7c)</td>
<td>20</td>
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<tr>
<td>SLO 4.a.4 <strong>Classroom Rights and Responsibilities Infographic</strong> – Candidates will create an infographic showing how the Rights of the Learner might be integrated into their future classroom.</td>
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<td>40</td>
</tr>
<tr>
<td>SLO 4.a.5 <strong>Number Sense Proofs</strong> – Candidates will design a lesson plan for a group-worthy problem.</td>
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</tr>
<tr>
<td>SLO 4.a.6 <strong>Share &amp; Compare/Group-Worthy Lesson Plan</strong> – Candidates will design a lesson plan with a group-worthy problem.</td>
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</tr>
<tr>
<td>SLO 4.a.7 <strong>Using Games to Assess</strong> – Candidates will explore and apply games as formative assessment.</td>
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<tr>
<td>SLO 4.d.1 <strong>Mathematics Analysis of Assessment &amp; Re-Engagement</strong> – Candidates utilize assessment data from students to identify misconceptions and design a re-engagement lesson for support</td>
<td></td>
<td>• PPR Standards: 1.1k, 1.2k, 1.3k, 1.4k, 1.5k, 1.6k, 1.7k, 1.8k, 1.11k, 1.16k, 1.19k, 1.20k, 1.21k, 1.24k, 1.25k, 1.29k, 1.1s, 1.2s, 1.3s, 1.4s, 1.5s, 1.7s, 1.8s, 1.9s, 1.10s, 1.11s, 1.21s, 1.22s, 1.23s, 1.27s, 2.1k, 2.2k, 2.3k, 2.4k, 2.5k, 2.6k, 2.7k, 2.8k, 2.23k, 2.1s, 2.2s, 2.3s, 2.7s, 2.20s, 2.21s, 3.8k, 3.9k, 3.10k, 3.15k, 3.16k, 3.4s, 3.5s, 3.6s, 3.14s, 3.20s, 4.1k, 4.2k, 4.4s</td>
<td>100</td>
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<tr>
<td>SLO 4.d.2 <strong>Number Sense Proofs</strong> – Candidates will explore various number sense strategies utilized by students.</td>
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<td></td>
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</tr>
<tr>
<td>SLO 4.d.3 <strong>Assessment Practice with Rex</strong> – Candidates plan for support strategies for a student named Rex during a problem-solving activity.</td>
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<td></td>
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</tr>
<tr>
<td>SLO 4.d.4 <strong>Share &amp; Compare/Group-Worthy Lesson Plan</strong> – Candidates will design a lesson plan with a group-worthy problem.</td>
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</tr>
</tbody>
</table>

**PROGRAM LEARNING OUTCOME (PLO) 5**: **Developing as a Professional**: Candidates promote learning and development of every child through participation in collaborative learning environments, reflective self-study and professional learning, and involvement in their professional community. (CAEP 5; AMLE 5)

<table>
<thead>
<tr>
<th>STUDENT LEARNING OUTCOMES</th>
<th>ASSESSMENTS/ASSIGNMENT DESCRIPTION</th>
<th>ASSOCIATED STANDARDS</th>
<th>POINTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLO 5.b – Candidates design and implement professional learning</td>
<td>SLO 5.b.1 <strong>Mathematics Personification</strong> – Candidates will self-reflect on their own relationship with mathematics.</td>
<td>• PPR Standards: 1.1k, 1.2k, 1.3k, 1.4k, 1.5k, 1.6k, 1.7k, 1.8k, 1.11k, 1.16k, 1.19k, 1.20k, 1.21k, 1.24k, 1.25k, 1.29k, 1.1s, 1.2s, 1.3s, 1.4s, 1.5s, 1.7s, 1.8s, 1.9s, 1.10s, 1.11s, 1.21s, 1.22s, 1.23s, 1.27s, 2.1k, 2.2k, 2.3k, 2.4k, 2.5k, 2.6k, 2.7k, 2.8k, 2.23k, 2.1s, 2.2s, 2.3s, 2.7s, 2.20s, 2.21s, 3.8k, 3.9k, 3.10k, 3.15k, 3.16k, 3.4s, 3.5s, 3.6s, 3.14s, 3.20s, 4.1k, 4.2k, 4.4s</td>
<td>100</td>
</tr>
</tbody>
</table>
activities based on ongoing analysis of student learning; self-reflection; professional standards research and contemporary practices; and standards of ethical professional practice.

| SLO 5.b.2 Rights of the Learner | Candidates will reflect on how the Rights of the Learner framework impacts a classroom environment. |
| SLO 5.b.3 Classroom Rights & Responsibilities Infographic | Candidates will create an infographic showing how the Rights of the Learner might be integrated into their future classroom. |
| SLO 5.b.4 Number Sense Proofs | Candidates will explore various number sense strategies utilized by students. |
| SLO 5.b.5 Share & Compare/Group-Worthy Lesson Plan | Candidates will design a lesson plan with a group-worthy problem. |
| SLO 5.b.6 Final Exam | Candidates will reflect on their understanding over the course of the semester as it relates to mathematics education. |

| 1.16k, 1.17k, 1.18k, 1.19k, 1.20k, 1.21k, 1.24k, 1.25k, 1.28k, 1.29k, 1.8s, 1.9s, 1.10s, 1.11s, 1.21s, 1.22s, 1.23s, 1.27s, 2.1k, 2.2k, 2.3k, 2.4k, 2.5k, 2.6k, 2.7k, 2.8k, 2.23k, 2.1s, 2.2s, 2.3s, 2.7s, 2.20s, 2.21s, 3.8k, 3.9k, 3.10k, 3.11k, 3.15k, 3.16k, 3.4s, 3.5s, 3.6s, 3.10s, 3.14s, 3.20s, 4.1k, 4.2k, 4.4s, 4.13s |

- Content Standards: 1.1k, 1.2k, 1.3k, 1.4k, 1.5k, 1.5a, 1.5b, 1.5c, 1.5s, 1.6s, 1.8s, 1.9s, 1.10s, 1.12s, 1.13s, 5.1k, 5.2k, 5.4k, 5.6k, 5.8s, 5.11s, 5.13s, 5.14s, 5.17s, 5.18s, 5.19s, 5.20s, 6.3k, 6.4k, 6.7k, 6.2s, 6.5s, 6.6s, 7.1k, 7.2k, 7.3k, 7.4k, 7.5k, 7.6k, 7.7k, 7.8k, 7.9k, 7.10k, 7.11k, 7.12k, 7.17k, 7.19k, 7.3s, 7.5s, 7.6s, 7.16s, 7.22s, 7.23s, 7.24s, 8.1k, 8.2k, 8.3k, 8.4k, 8.5k, 8.6k, 8.7k, 8.7s, 9.1k, 9.2k, 9.3k, 9.4k, 9.5k, 9.6k, 9.7k, 9.1s, 9.2s, 9.3s, 9.4s, 9.5s, 9.6s |

- ISTE Standards: Learner (1a, 1b, 1c); Leader (2a, 2c); Citizen (3a, 3b, 3c, 3d); Collaborator (4a, 4c, 4d); Designer (5a, 5b, 5c); Facilitator (6a, 6b, 6c, 6d); Analyst (7a, 7b, 7c)
### LOCATION OF ASSIGNMENTS
Assignments, assessments, and discussion links are presented in D2L. It is your responsibility to complete work ONLY AFTER you have read the assigned information in the text and modules. Going straight to the assignments IS NOT considered responsible and may show in your work. This course may be accessed through MySFA or directly at https://d2l.sfasu.edu/.

### ACCESSING ASSIGNMENTS ON D2L
You must have a browser that supports D2L at SFA. All necessary software information is available from SFAOnline.

Know that if you intend to use a “dial-up” connection to access the Internet and this course that you may experience long wait times for files to download and you MAY NOT be able to view all pages in the course. Not being able to view all information is NOT a valid reason to miss requirements. Please make arrangements ahead of time to ensure that you are able to access all components of this online course and are able to log in to the course daily.

Some files, at first appearance, may be distorted; however, all word and PDF files can be opened by downloading the document. All videos and links can be accessed by opening the document in a new tab.

If you encounter issues with D2L, please contact the Office of Instructional Technology (OIT) at 936-468-1919.

### FORMATTING REQUIREMENTS OF ASSIGNMENTS
All assignments must be submitted as required (word, PDF, PPT, video). HEIC files are not compatible with the D2L system. Unless noted otherwise written assignments must be typed and submitted as a Microsoft Word document online through D2L. You are responsible for checking your attachments to ensure it is in the correct format. Assignments submitted in an incorrect file type may earn a grade of zero.

### ASSIGNMENT DEADLINES
All assignments are due according to the dates listed on the course timeline.

If you experience extenuating circumstances, contact the instructor via D2L email prior to missing the due date. In the event of a truly extenuating circumstance (e.g., you are in the hospital for several days) that prevents you from contacting the instructor ahead of time, you must contact the instructor via D2L email within 24 hours of missing an assignment to make arrangements for making it up. Please be aware that you may be asked to provide documentation of the extenuating circumstance and that the instructor reserves the right to not grant an opportunity to submit a missed assignment, in which case a grade of zero will be earned. A broken computer or no internet is not an acceptable excuse for not completing work by the required deadlines.

### QCLASSROOM REQUIREMENTS
This course does not require that you submit designated assignments to Q Classroom by submitting required documents to the assigned Dropbox in the D2L course connected to Q Classroom. For those courses with a required time log for field hours, both a paper and electronic record must be completed. The electronic time log must be completed after each field experience using the time log provided in Q Classroom. Assignments submitted to d2L/Q Classroom are related to accountability and accreditation measures for Education Studies. Scoring guides for these assignments are located in the D2L course and Q Classroom.

Failure to upload the required documents into d2L/Q Classroom will result in zero credit being received for those assignments.

### ASSIGNMENTS/ASSOCIATED STANDARDS/POINTS
Assignments will be given to enhance the teacher candidate’s understanding of content, pedagogy, and professional standards. Assignments will be submitted via D2L, unless otherwise specified by your instructor.

To enhance learning in this course, assignments may be altered, or additional assignments may be added as the need arises.

A list of assignments can be found in the PLO/SLO/Assessment Chart located above in Section II.

**Assignment Policy** — Students must complete all assignments including documentation when required. Students are expected to complete assignments on the due date shown in the course timeline. Failure to complete course work will result in a grade of zero, or “Fail”, for the assignment. Repeated failure to complete course work may result in an automatic reduction of the final course grade earned. Of course, extenuating circumstances are always considered, but communication with the instructor is essential. Communicate with your instructor BEFORE, not after, problems occur with course requirements.
SECTION IV: EVALUATION OF ASSESSMENTS (GRADING)

GRADING SCALE FOR PREFIX/COURSE NUMBER

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>Point Value</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1,007-1,125</td>
<td>90%-100%</td>
</tr>
<tr>
<td>B</td>
<td>894-1,006</td>
<td>80%-89%</td>
</tr>
<tr>
<td>C</td>
<td>782-893</td>
<td>70%-79%</td>
</tr>
<tr>
<td>F</td>
<td>781 or fewer</td>
<td>0%-69%</td>
</tr>
</tbody>
</table>

Please note that final grades may be rounded up. (For example, a final score of 89.5 to 89.9 out of 100 points may be entered as an A).

You must earn a “C” or better in the course. Anything below a “C” is an “F”, no “D” will be awarded.

PROFESSIONALISM

Professionalism is expected for all students in all courses whether fully online, hybrid or face-to-face. All teacher candidates must follow the TX Educators Code of Ethics, as well as State and federal anti-discrimination laws. Candidates are expected to be professional at all times. Behaving unprofessionally can adversely affect the candidate’s grade. Candidates are subject to loss of points and/or a course letter grade for behavior unbecoming a professional teacher candidate as determined by instructor discretion. Each teacher candidate exhibits professionalism by:

- attending/participating in all class meetings in accordance with the policies of the university; [http://www.sfasu.edu/policies/class_attendance_excused_abs.asp](http://www.sfasu.edu/policies/class_attendance_excused_abs.asp)
- becoming familiar with the SFA Policies and Procedures Manual regarding cheating and plagiarism; [http://www.sfasu.edu/policies/academic_integrity.asp](http://www.sfasu.edu/policies/academic_integrity.asp)
- contacting the professor prior to missing a class assignment;
- reading course outline/syllabus and following directions for assignments;
- reading each assigned reading by the stated due date;
- completing ALL ASSIGNMENTS/QUIZZES independently unless otherwise stated by the instructor;
- completing ALL ASSIGNMENTS/QUIZZES on or before the due date;
- submitting ALL REQUIRED WORK in order to complete this course;
- being prepared for quizzes and exams;
- participating intelligently in all class discussions;
- completing the end-of-course online evaluation;
- being professional in demeanor, attitude; and
- maintaining confidentiality at all times.

Professionalism is also considered when teacher candidates take time to help fellow peers who have difficulty reading/finding specifics in the course. Teacher candidates who help fellow peers remain positive and promote change for efficiency in teaching will also be considered to promote professionalism. Being negative is not considered professional.

WORK POLICY EXPECTATIONS

- Late Work— Late work receives no credit unless there is prior approval from the instructor. Late work will not be accepted for grading unless submitted within one calendar week of the original due date.
- Make-up Work Policy— The decision whether to accept make-up work is at the discretion of the instructor. Make-up work will not be accepted for grading unless submitted within one calendar week of the original due date.
- Redo Work Policy— Some assignments may be subject to editing and resubmission at the discretion of the instructor. In this event, the resubmitted work is due no later than one week, or the deadline specified by the instructor. Edited work resubmitted without the original work will not be accepted. Redo work will receive late work credit (up to 70% of original points).
- Late work, make-up work, and redo work (approved by instructor) submitted within one calendar week of original due date will only be eligible to receive up to 70% of original point value of the assignment. Late work, make-up work, and redo work (approved by instructor) submitted after one calendar week of original due date will not be eligible for grading.
- Students must submit all assignments in the requested format found in the assignments.

TEACHER CANDIDATE PROFESSIONALISM EXPECTATIONS

- **Academic Honesty:** Teacher candidates complete original assignments and/or give credit to individuals if using resources to prepare assignments. The teacher candidate understands that original material not created by the teacher candidate is the
• **Professional Demeanor:** Teacher candidates must maintain a high level of professionalism, including a professional demeanor which includes presenting oneself in a professional manner, refraining from activities that may interfere with your professionalism the next day, maintaining a drug-free and alcohol-free body, practicing appropriate language, and maintaining confidentiality at all times, including the use of social media. Teacher candidates are expected to communicate professionally in verbal and written communication (including electronic communication) when communicating with students, peers, mentor teachers, and site supervisors. Electronic devices, including cell phones, are not allowed in any mentors’ classrooms without prior approval from the site supervisor.

• **Appearance:** Teacher candidates must be appropriately dressed for the required setting. When engaging with students, whether in person or in virtual formats, candidates dress according to the campus dress code.

• **Assigned Responsibilities:** While in field placements, teacher candidates must follow the lead of the mentor teacher to carry out all responsibilities with enthusiasm while demonstrating initiative. Candidates are encouraged to focus on their own personal experience rather than the experiences of other teacher candidates.

• **Attendance:** It is the expectation of the Department of Education Studies that all enrolled students demonstrate professionalism through a consistent presence in required class meetings. At the beginning of the semester, candidates must confirm in each course that they have read and understand the course syllabus and the expectations for participation in the class. Any student who does not attend class and/or does not have a record of participation as stated in the course requirements will fail the course. Absences must be excused with proper documentation. Excessive absences, unexcused absences, and excessive tardies will result in loss of points on the teacher candidate’s professionalism grade and/or assignment grades that pertain to the day(s) and/or time(s) missed. Absences whether excused or unexcused that result in missing 15% or more of instructional time/content will result in failure of the course.

  o The threshold for consistent presence is 85% of all class meetings. Students who have a medical or other extreme emergency must provide documentation to excuse absences beyond the 85% threshold. Students who do not meet this threshold, unless excused due to documented medical or other unforeseeable emergencies will not be able to successfully pass the course.

  o The instructor AND/OR mentor teacher in field courses must be notified of each absence prior to or immediately upon the occurrence of the absence. Any missed observation time must be made up minute for minute.

  o This is also an expectation for online courses. While this looks different in courses that are synchronous versus asynchronous courses, the expectation is still 85% engagement. In synchronous courses, this means attendance in class meetings 85% of the time. In asynchronous courses, this means engagement in class materials 85% of the time. Students who have a medical or other extreme emergency must provide documentation to excuse absences beyond the 85% threshold. Students who do not meet this threshold, unless excused due to documented medical or other unforeseeable emergencies will not be able to successfully pass the course.

• **Interpersonal Communication:** Teacher candidates must demonstrate collaborative efforts with mentor teachers, other teacher candidates, and instructors/professors. Candidates are expected to respond professionally to peers, mentors, the site coordinator, and others on the campus. The candidate will maintain professional communication about individuals and groups associated with SFASU and partnering facilities on all social and print media published and/or shared with others.

  o When you email any representative from the Education Studies department, remember that you are emailing a professional. Look at what you have typed before you send the email. Remember to begin the email with an appropriate salutation and to end by signing your name. Make sure that the email includes a specific question and/or provides clear information. Make sure to proofread for typos prior to sending. You should expect a response within 48 hours of sending your email. If you do not receive an answer in 48 hours (during the week), please re-send the email. The weekend is not a time when emails are checked regularly, and instructors may not check email outside of normal working hours. If you email Friday night, you may not receive a response until Monday. Check your email daily so you do not miss course information and announcements.

• **Professionalism and Commitment:** Teacher candidates are expected to employ effective teaching strategies. Candidates must demonstrate a commitment to the teaching profession by being punctual, attending ALL lab and university classes, attending all stated meetings, exhibiting enthusiasm and initiative, and maintaining confidentiality at all times (inside and outside of school).

• **Self-plagiarism** is reusing your own specific wording and ideas from work that you have previously submitted.

• **Collusion** is a form of cheating which occurs when a submission restricted to individual effort is shared with another individual through direct contact or third-party resources allowing another individual to use and submit the copied work as their own.

• **Assigned Responsibilities:** While in field placements, teacher candidates must follow the lead of the mentor teacher to carry out all responsibilities with enthusiasm while demonstrating initiative. Candidates are encouraged to focus on their own personal experience rather than the experiences of other teacher candidates.

• **Attendance:** It is the expectation of the Department of Education Studies that all enrolled students demonstrate professionalism through a consistent presence in required class meetings. At the beginning of the semester, candidates must confirm in each course that they have read and understand the course syllabus and the expectations for participation in the class. Any student who does not attend class and/or does not have a record of participation as stated in the course requirements will fail the course. Absences must be excused with proper documentation. Excessive absences, unexcused absences, and excessive tardies will result in loss of points on the teacher candidate’s professionalism grade and/or assignment grades that pertain to the day(s) and/or time(s) missed. Absences whether excused or unexcused that result in missing 15% or more of instructional time/content will result in failure of the course.

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  o This is also an expectation for online courses. While this looks different in courses that are synchronous versus asynchronous courses, the expectation is still 85% engagement. In synchronous courses, this means attendance in class meetings 85% of the time. In asynchronous courses, this means engagement in class materials 85% of the time. Students who have a medical or other extreme emergency must provide documentation to excuse absences beyond the 85% threshold. Students who do not meet this threshold, unless excused due to documented medical or other unforeseeable emergencies will not be able to successfully pass the course.

• **Interpersonal Communication:** Teacher candidates must demonstrate collaborative efforts with mentor teachers, other teacher candidates, and instructors/professors. Candidates are expected to respond professionally to peers, mentors, the site coordinator, and others on the campus. The candidate will maintain professional communication about individuals and groups associated with SFASU and partnering facilities on all social and print media published and/or shared with others.

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• **Punctuality:** Teacher candidates should arrive to class and field experience locations ten (10) minutes prior to the report time. **To be “on time” is to be late.** Teacher candidates are expected to remain in class setting requirements for the expected time. Candidates may be required to document. Punctuality expectations also apply to virtual observations.

**CONSEQUENCES OF UNPROFESSIONALISM**
A combination of any three behaviors that display a lack of professionalism will result in a 10-point reduction in your overall course grade. The candidate will also be referred to the Program Review Panel, which may result in failure.

- 1st Professionalism Behavior Concern – Email from course instructor with no point deduction in professionalism points.
- 2nd Professionalism Behavior Concern – Meeting with course instructor and a loss of 25 professionalism points.
- 3rd Professionalism Behavior Concern – Referral to Program Review Panel and a loss of 100 professionalism points.

Examples of behaviors that signify lack of professionalism include/but are not limited to the following: inappropriate dress, tardiness, unexcused absences, late assignments, academic dishonesty, and ongoing submission of incorrect assignments. Note, a combination of three behaviors can come from one professionalism component (i.e., being absent 3 times).

**QCLASSROOM REQUIREMENTS**
This course does not require that you submit designated assignments to Q Classroom. Failure to upload the required documents into Q Classroom will result in zero credit being received for those assignments.

**ATTENDANCE AND PARTICIPATION REQUIREMENTS**
At the beginning of the semester, candidates must complete an assignment that signifies their reading of the course syllabus and participation in the class. For reporting purposes, a student who does not attend class and/or shows participation will be dropped from financial aid for the course.

Regular attendance and participation will affect your final grade in the course. Candidates that miss more than 85% of scheduled class meetings, unless excused due to documented medical or other unforeseeable emergencies will not be able to successfully pass the course.

- Candidates should not use cell phones during class time unless they are using them to participate in the class activity or they have been granted permission by the instructor. Continued inappropriate use of cell phone during class could result in a deduction of professionalism points.
- Candidates using computers during class should restrict their use to tasks related to the topics being discussed in the class meeting. Candidates should not work on tasks related to other courses or unrelated content. Continued inappropriate use of computers during class could result in a deduction of professionalism points.

**SECTION V: TENTATIVE COURSE TIMELINE**
The tentative course overview calendar is located below and a more detailed timeline included as a separate document in D2L. Although all sections of this course may follow a uniform course calendar, individual course instructors may adjust the course outline and calendar when special circumstances require adjustments to the timeline.

Unless noted differently, all assignments listed under the TASKS TO COMPLETE column are due by Sunday night at 11:59pm the following week (i.e., Tasks to Complete for Week 1 are due at 11:59pm on the Sunday night prior to the beginning of Week 2).

<table>
<thead>
<tr>
<th>WEEK</th>
<th>TOPIC/ASSIGNMENTS</th>
<th>TASKS TO COMPLETE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>COURSE INTRODUCTIONS</td>
<td>• Before Class Begins – D2L QUIZ</td>
</tr>
</tbody>
</table>
| 2    | TEACHING ELEMENTARY MATHEMATICS | • Exit Ticket  
• Mathematics Personification – D2L DROPBOX |
| 3    | RIGHTS OF THE LEARNER FRAMEWORK; MATHEMATICS & WRITING INTEGRATION | • Exit Ticket  
• Connecting to the Rights of The Learner Framework – D2L DROPBOX |
| 4    | NUMBER SENSE: A BASIS FOR UNDERSTANDING | • Read Number Sense: A Basis for Understanding Module and participate in all activities  
• Crystallization 1: Number Sense Meme – D2L DROPBOX |
| 5    | DEVELOPING NUMBER SENSE | • Exit Ticket  
• Number Sense Proofs – D2L DROPBOX |
| 6    | MATHEMATICS & WRITING INTEGRATION; RESPONSIBILITIES in ROTL | • Read, “Creating a Democratic Mathematics Classroom” article (posted in D2L)  
• Connecting Literature & Number Sense (completed in class)  
• Exit Ticket  
• Classroom Rights and Responsibilities Infographic – D2L DROPBOX |
| 7    | PROBLEM SOLVING | • Exit Ticket  
• Crystallization 2: Share & Compare (Problem Solving) Emoji Story – D2L DROPBOX |
| 8 | MATHEMATICS LESSON PLANNING | • Identify TEKS for Charter  
   • Exit Ticket  
   • Linking TEKS to Activity to Assessment – D2L DROPBOX |
|---|---|---|
| 9 | SHARE AND COMPARE: A LEARNING MODEL | • Read Share & Compare: A Learning Model Module & participate in all activities  
   • Group-Worthy Task/Share & Compare Lesson Plan – D2L Dropbox |
| 10 | LEARNING IN A PROBLEM-SOLVING CLASSROOM | • Exit Ticket  
   • Crystallization 3: View of Problem-Solving Picture Collage – D2L DROPBOX |
| 11 | ASSESSING STUDENT LEARNING | • Exit Ticket |
| 12 | FORMATIVE ASSESSMENT FOR LEARNING | • Rex Video – Initial Thoughts Response – D2L DROPBOX  
   • Supporting Children’s Thinking – Rex Reflection Response – D2L DROPBOX  
   • Using Games to Teach/Assess  
   • Exit Ticket |
| 13 | MAKING CONNECTIONS | • Exit Ticket  
   • Real-World Connections – SHARED GOOGLE FOLDER |
| 14 | MAKING CONNECTIONS | • Exit Ticket  
   • Mathematics Analysis of Assessment & Re-Engagement – D2L DROPBOX |
| 15 | PREPARING FOR FINAL AND END OF SEMESTER TASKS | • None |
| 16 | FINAL EXAM | • Read Philosophy of Teaching Mathematics Module and participate in all activities  
   • Final Exam – D2L DROPBOX |

**TIMELINE COLOR KEY**

**Class Meeting** – M 8:00-10:30am ECRC 217

**Integrated Class** – Course content integrated with READ 4340. Class will meet from 8:00-10:30 and will continue during READ 4340 at 12:30-3:00pm with Drs. McClain and Montgomery co-teaching both courses.

**Online Module** – Online content is provided to complete in lieu of meeting during the regular class meeting. Students are expected to participate in online modules just as they would participate during in-class meetings.

**SECTION VI: ADDITIONAL RESOURCES TO SUPPORT LEARNING**

**READINGS**

**REQUIRED READING:** all course readings will be embedded within the D2L module. There is no required text for this course.

**COURSE REFERENCES**

- **Online Resources**
  - c. Association for Women in Mathematics — [www.awm-math.org](http://www.awm-math.org)
  - d. Internet4Classrooms — [www.internet4classrooms.com](http://www.internet4classrooms.com)
  - e. The Mathematical Association of America — [www.maa.org](http://www.maa.org)
  - g. Pearson Prentice Hall — [www.phschool.com](http://www.phschool.com)
  - i. Texas Council of Teachers of Mathematics — [www.tctmonline.org](http://www.tctmonline.org)

- **Journals**
  - g. *Teaching Children Mathematics*, National Council of Teachers of Mathematics [www.nctm.org](http://www.nctm.org)
Books


Near the conclusion of each semester, students in the Perkins College of Education electronically evaluate courses (the teaching itself and the content/assignments) taken within the PCOE. The feedback should be professional. Evaluation data is used for a variety of important purposes including:

1. Course and program improvement, planning, and accreditation;
2. Instruction evaluation purposes; and
3. Making decisions on faculty tenure, promotion, pay, and retention.

As you evaluate this course, please be thoughtful, thorough, and accurate in completing the evaluation. Please know that the PCOE faculty is committed to excellence in teaching and continued improvement. Therefore, your response is critical!

In the Perkins College of Education, the course evaluation process has been simplified and is completed electronically through MySFA. Although the instructor will be able to view the names of students who complete the survey, all ratings and comments are confidential and anonymous, and will not be available to the instructor until after final grades are posted.

SECTION VIII: STUDENT ETHICS AND POLICY INFORMATION

<table>
<thead>
<tr>
<th>INSTITUTIONAL ABSENCES (HOP policy 04-110)</th>
</tr>
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<tbody>
<tr>
<td>An Institutional Absence may be granted to a student who participates as a representative of the University in academic (including research), extra- or cocurricular, or athletic activities. Students will be excused for institutional purposes from otherwise required academic activity only when a valid Institutional Absence is approved by the appropriate administrative unit or official and the documentation of approval is provided to the faculty member at least five (5) days in advance.</td>
</tr>
<tr>
<td>Institutional absences will not be approved for keystone events, defined as: a special or unique assignment, test, project, experience, or other academic exercise identified by the faculty member as critical for successful completion of standards of the class and unable to be missed. These events must be identified on the syllabus at the beginning of the semester and communicated to the students. Events added to the syllabus at a later date will not qualify for Keystone Event status. Keystone Events where the date/time is changed will no longer be considered a Keystone Event. Students should make themselves aware of any Keystone Events identified in the syllabus to ensure there are no conflicts.</td>
</tr>
<tr>
<td>For keystone events where the assignment dates vary, it is incumbent upon the students to work with their faculty member to not select a conflicting date.</td>
</tr>
<tr>
<td>More information on Institutional Absences, including how to apply, can be found at <a href="https://www.sfasu.edu/deanofstudents/student-resources/institutional-absences">https://www.sfasu.edu/deanofstudents/student-resources/institutional-absences</a>.</td>
</tr>
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<tr>
<th>WITHHELD GRADES SEMESTER GRADES POLICY: (HOP policy 02-206)</th>
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<tbody>
<tr>
<td>Ordinarily, at the discretion of the instructor of record and with the approval of the academic chair/director, a grade of WH will be assigned only if the student cannot complete the coursework because of unavoidable circumstances. Students must complete the work within one calendar year from the end of the semester in which they receive a WH, or the grade automatically becomes an F. If students register for the same course in future terms the WH will automatically become an F and will be counted as a repeated course to compute the grade point average. For additional information, go to <a href="https://www.sfasu.edu/docs/hops/02-206.pdf">https://www.sfasu.edu/docs/hops/02-206.pdf</a>.</td>
</tr>
</tbody>
</table>

Students with Disabilities

To obtain disability-related accommodations, alternate formats, and/or auxiliary aids, students with disabilities must contact the Office of Disability Services (ODS), Human Services Building, and Room 325, 468-3004 / 468-1004 (TDD) as early as possible in the semester. Once verified, ODS will notify the course instructor and outline the accommodation and/or auxiliary aids to be provided. Failure to request services promptly may delay your accommodations. For additional information, go to [http://www.sfasu.edu/disabilityservices/](http://www.sfasu.edu/disabilityservices/).

Student Wellness and Well-Being

SFA values students’ overall well-being, mental health and the role it plays in academic and overall student success. Students may experience stressors that can impact both their academic experience and their personal well-being. These may include academic pressure and challenges associated with relationships, emotional well-being, alcohol and other drugs, identities, finances, etc.

If you are experiencing concerns, seeking help, SFA provides a variety of resources to support students’ mental health and wellness. Many of these resources are free, and all of them are confidential.

<table>
<thead>
<tr>
<th>CODE OF STUDENT CONDUCT AND ACADEMIC INTEGRITY: (HOP Policy 04-106)</th>
</tr>
</thead>
</table>
The Code of Student Conduct and Academic Integrity (HOP 04-106) outlines the prohibited conduct by any student enrolled in a course at SFA. It is the responsibility of all members of all faculty, staff, and students to adhere to and uphold this policy.

Articles IV, VI, and VII of the new Code of Student Conduct and Academic Integrity outline the violations and procedures concerning academic conduct, including cheating, plagiarism, collusion, and misrepresentation. Cheating includes, but is not limited to: (1) Copying from the test paper (or other assignment) of another student, (2) Possession and/or use during a test of materials that are not authorized by the person giving the test, (3) Using, obtaining, or attempting to obtain by any means the whole or any part of a non-administered test, test key, homework solution, or computer program, or using a test that has been administered in prior classes or semesters without permission of the Faculty member, (4) Substituting for another person, or permitting another person to substitute for one’s self, to take a test, (5) Falsifying research data, laboratory reports, and/or other records or academic work offered for credit, (6) Using any sort of unauthorized resources or technology in completion of educational activities.

Plagiarism is the appropriation of material that is attributable in whole or in part to another source or the use of one’s own previous work in another context without citing that it was used previously, without any indication of the original source, including words, ideas, illustrations, structure, computer code, and other expression or media, and presenting that material as one’s own academic work being offered for credit or in conjunction with a program course or degree requirements.

Collusion is the unauthorized collaboration with another person in preparing academic assignments offered for credit or collaboration with another person to commit a violation of any provision of the rules on academic dishonesty, including disclosing and/or distributing the contents of an exam.

Misrepresentation is providing false grades or résumés; providing false or misleading information in an effort to receive a postponement or an extension on a test, quiz, or other assignment for the purpose of obtaining an academic or financial benefit for oneself or another individual or to injure another student academically or financially. For additional information, go to https://www.sfasu.edu/docs/hops/04-106.pdf.

OTHER IMPORTANT COURSE-RELATED POLICIES

Other SFA policy information is found in the Handbook of Operating Procedures (HOP)

DEPARTMENT STUDENT ACADEMIC DISHONESTY POLICY

Abiding by university policy on academic integrity is a responsibility of all university faculty and students.

DEFINITION OF ACADEMIC DISHONESTY

Academic dishonesty includes both cheating and plagiarism. Cheating includes, but is not limited to:
- using or attempting to use unauthorized materials on any class assignment or exam;
- falsifying or inventing of any information, including citations, on an assignment;
- helping or attempting to help another in an act of cheating or plagiarism.

Plagiarism is presenting the words or ideas of another person as if they were one's own. Examples of plagiarism include, but are not limited to:
- submitting an assignment as one's own work when it is at least partly the work of another person;
- submitting a work that has been purchased or otherwise obtained from the Internet or another source;
- incorporating the words or ideas of an author into one's paper or presentation without giving the author credit.

PENALTIES FOR ACADEMIC DISHONESTY

- Penalties may include, but are not limited to reprimand, no credit for the assignment or exam, re-submission of the work, make-up exam, failure of the course, or expulsion from the university.
- 1st Time – Conference with course instructor and zero for assignment
- 2nd Time – Conference with course instructor and chair of department (failure of course discussion)
- 3rd Time – Conference with course instructor, chair of department and dean of college

STUDENT APPEALS

A student who wishes to appeal decisions related to academic dishonesty should follow procedures outlined in Academic Appeals by Students (6.3).

SECTION IX: ON-CAMPUS RESOURCES

ON-CAMPUS RESOURCES

The Dean of Students: Dr. Andrew Dies
The Dean of Students Office (Rusk Building, 3rd floor lobby)
www.sfasu.edu/deanofstudents
936.468.7249
dos@sfasu.edu

SFASU Counseling Services • www.sfasu.edu/counselingservices
Health and Wellness Hub (corner of E. College and Raguet) • 936-468-2401

SFASU Human Services Counseling Clinic • www.sfasu.edu/humanservices/139.asp
Human Services Room 202 • 936-468-1041

The Health and Wellness Hub “The Hub”
Location: corner of E. College and Raguet St.
To support the health and well-being of every Lumberjack, the Health and Wellness Hub offers comprehensive services that treat the whole person – mind, body and spirit. Services include:

Health Services
Counseling Services
Student Outreach and Support
Food Pantry
Wellness Coaching
Alcohol and Other Drug Education
www.sfasu.edu/thehub
936.468.4008
thehub@sfasu.edu

Crisis Resources:
Burke 24-hour crisis line 1(800) 392-8343
National Suicide Crisis Prevention: 9-8-8
Suicide Prevention Lifeline 1(800) 273-TALK (8255)
Crisis Text Line: Text HELLO to 741-741

SECTION X: ADDITIONAL INFORMATION SPECIFIC TO EDUCATOR PREPARATION

TEXAS EDUCATORS’ CODE OF ETHICS
In addition to the Professionalism expectations, all teacher candidates are expected to adhere to the Texas Educators’ Code of Ethics. Any violation of the Texas Educators’ Code of Ethics will be reviewed by a Program Review Panel and may result in failure of the course and/or dismissal from the program.

The Texas educator shall comply with standard practices and ethical conduct toward students, professional colleagues, school officials, parents, and members of the community and shall safeguard academic freedom. The Texas educator, in maintaining the dignity of the profession, shall respect and obey the law, demonstrate personal integrity, and exemplify honesty and good moral character. The Texas educator, in exemplifying ethical relations with colleagues, shall extend just and equitable treatment to all members of the profession. The Texas educator, in accepting a position of public trust, shall measure success by the progress of each student toward realization of his or her potential as an effective citizen. The Texas educator, in fulfilling responsibilities in the community, shall cooperate with parents and others to improve the public schools of the community. This chapter shall apply to educators and candidates for certification.

Please go to TAC 247.2 – Code of Ethics and Standard Practices for Texas Educators.

CERTIFICATION/LICENSING REQUIREMENTS
Candidates must undergo a criminal history background check prior to clinical teaching and prior to employment as an educator. The public-school campuses are responsible for completing the criminal background check. A person who is enrolled or planning to enroll in a State Board for Educator Certification-approved educator preparation program or planning to take a
You are eligible to request a Preliminary Criminal History Evaluation if:

- You enrolled or planning to enroll in an educator preparation program or
- You are planning to take a certification exam for initial educator certification, and
- You have reason to believe that you may be ineligible for educator certification due to a conviction or deferred adjudication for a felony or misdemeanor offense.

You are not eligible for a preliminary evaluation of your criminal history if you do not have a conviction or deferred adjudication for a felony or misdemeanor offense.

In addition, you must complete the fingerprinting process when you apply for certification. Participation in the evaluation does not preclude you from submitting to a national criminal history review at the time you apply for your educator certification. Your criminal history will be reviewed, and you may be subject to an investigation based on that criminal history, including any information you failed to submit for evaluation.

Additional information can be found at https://tea.texas.gov/Texas_Educators/Investigations/Preliminary_Criminal_History_Evaluation-FAQs/.

1. Provide one of the following primary ID documents: passport, driver’s license, state or providence ID cards, a national ID card, or military ID card to take the TExES exams (additional information available at www.texas.ets.org/registrationBulletin/) <http://www.texas.ets.org/registrationBulletin/>). YOU must provide legal documentation to be allowed to take these mandated examinations that are related to certification/licensing requirements in Texas. If you do not have legal documentation, you may want to reconsider your major while at SFASU.

2. Successfully complete state mandated a fingerprint background check. If you have a history of criminal activity, you may want to reconsider your major while at SFASU.

For further information concerning this matter, contact the Office of Assessment and Accountability at 936-468-1282 or edprep@sfasu.edu.

SECTION XI: OTHER RELEVANT COURSE INFORMATION:

REPEATING THIS COURSE POLICY

If you are repeating this course for a second time, then ALL of your work must be original to the repeated course. That means work from a previous semester of this course may not be resubmitted in the repeated course. Work of any kind submitted from a prior semester will receive a score of “0” with no redo available. Work of any kind submitted by another student who completed this course is grounds for academic dishonesty/plagiarism review.

NONDISCRIMINATION

“No person shall, on the basis of race, color, religion sex, age, national origin, handicap, or veteran status, be subjected to discrimination or be excluded from participation in or be denied the benefits of employment or any educational program or activity operated by Stephen F. Austin State University.” (Reference: SFASU General Bulletin 2004-2005) (see Discrimination Complaints/Sexual Harassment E-46: http://www.sfasu.edu/humanservices/images/discrimination-complaints-sexual-harassment.pdf