

281—79.15 (256) Teacher candidate knowledge, skills and dispositions standard. Teacher candidates demonstrate the content, pedagogical, and professional knowledge, skills and dispositions necessary to help all students learn in accordance with the following provisions.

79.15(1) Each teacher candidate demonstrates the acquisition of a core of liberal arts knowledge including but not limited to English composition, mathematics, natural sciences, social sciences, and humanities.

79.15(2) Each teacher candidate receives dedicated coursework related to the study of human relations, cultural competency, and diverse learners, such that the candidate is prepared to work with students from diverse groups, as defined in rule 281—79.2(256). The unit shall provide evidence that teacher candidates develop the ability to identify and meet the needs of all learners, including:

- a. Students from diverse ethnic, racial and socioeconomic backgrounds.
- b. Students with disabilities.
- c. Students who are struggling with literacy, including those with dyslexia.
- d. Students who are gifted and talented.
- e. English language learners.

f. Students who may be at risk of not succeeding in school. This preparation will include classroom management addressing high-risk behaviors including, but not limited to, behaviors related to substance abuse.

79.15(3) Each teacher candidate demonstrates competency in literacy, to include reading theory, knowledge, strategies, and approaches; and integrating literacy instruction into content areas. The teacher candidate demonstrates competency in making appropriate accommodations for students who struggle with literacy. Demonstrated competency shall address the needs of all students, including but not limited to, students with disabilities; students who are at risk of academic failure; students who have been identified as gifted and talented or limited English proficient; and students with dyslexia, whether or not such students have been identified as children requiring special education under Iowa Code chapter 256B. Literacy instruction shall include evidence-based best practices, determined by research, including that identified by the Iowa reading research center.

79.15(4) Each unit defines unit standards (aligned with InTASC standards) and embeds them in courses and field experiences.

79.15(5) Each teacher candidate demonstrates competency in all of the following professional core curricula:

a. *Learner development.* The teacher understands how learners grow and develop, recognizing that patterns of learning and development vary individually within and across the cognitive, linguistic, social, emotional, and physical areas, and designs and implements developmentally appropriate and challenging learning experiences.

b. *Learning differences.* The teacher uses understanding of individual differences and diverse cultures and communities to ensure inclusive learning environments that enable each learner to meet high standards.

c. *Learning environments.* The teacher works with others to create environments that support individual and collaborative learning, and that encourage positive social interaction, active engagement in learning, and self-motivation.

d. *Content knowledge.* The teacher understands the central concepts, tools of inquiry, and structures of the discipline(s) he or she teaches and creates learning experiences that make the discipline accessible and meaningful for learners to assure mastery of the content.

e. *Application of content.* The teacher understands how to connect concepts and use differing perspectives to engage learners in critical thinking, creativity, and collaborative problem solving related to authentic local and global issues.

f. *Assessment.* The teacher understands and uses multiple methods of assessment to engage learners in their own growth, to monitor learner progress, and to guide the teacher's and learner's decision making.

g. Planning for instruction. The teacher plans instruction that supports every student in meeting rigorous learning goals by drawing upon knowledge of content areas, curriculum, cross-disciplinary skills, and pedagogy, as well as knowledge of learners and the community context.

h. Instructional strategies. The teacher understands and uses a variety of instructional strategies to encourage learners to develop deep understanding of content areas and their connections, and to build skills to apply knowledge in meaningful ways.

i. Professional learning and ethical practice. The teacher engages in ongoing professional learning and uses evidence to continually evaluate his/her practice, particularly the effects of his/her choices and actions on others (learners, families, other professionals, and the community), and adapts practice to meet the needs of each learner.

j. Leadership and collaboration. The teacher seeks appropriate leadership roles and opportunities to take responsibility for student learning, to collaborate with learners, families, colleagues, other school professionals, and community members to ensure learner growth, and to advance the profession.

k. Technology. The teacher candidate effectively integrates technology into instruction to support student learning.

l. Methods of teaching. The teacher candidate understands and uses methods of teaching that have an emphasis on the subject and grade-level endorsement desired.

79.15(6) Each teacher candidate must either meet or exceed a score above the 25th percentile nationally on subject assessments designed by a nationally recognized testing service that measure pedagogy and knowledge of at least one subject area as approved by the director of the department of education, or the teacher candidate must meet or exceed the equivalent of a score above the 25th percentile nationally on an alternate assessment also approved by the director. That alternate assessment must be a valid and reliable subject-area-specific, performance-based assessment for preservice teacher candidates that is centered on student learning.

79.15(7) Each teacher candidate must complete a 30-semester-hour teaching major which must minimally include the requirements for at least one of the basic endorsement areas, special education teaching endorsements, or secondary level occupational endorsements. Additionally, each elementary teacher candidate must also complete a field of specialization in a single discipline or a formal interdisciplinary program of at least 12 semester hours. Each teacher candidate meets all requirements established by the board of educational examiners for any endorsement for which the teacher candidate is recommended.

79.15(8) Each teacher candidate demonstrates competency in content coursework directly related to the Iowa Core.

79.15(9) Programs shall submit curriculum exhibit sheets for approval by the board of educational examiners and the department.