

UPRM TPP Alignment with Applicable Standards

Candidate Proficiencies UPRM ¹ TPP	Alignment with Applicable Professional Standards InTASC Principles 2013	ISTE Teacher Standards	CAEP Standards	Puerto Rico Professional Standards for Teachers (PR-PST)	Institutional Students Learning Outcomes By the time of graduation UPRM students will:
<p>UPRM TPP 1. Possess content knowledge. Prepare teachers that understand the central concepts, tools of inquiry, and structure of their discipline in a way that they can provide learning experiences that make these aspects of the subject matter meaningful to students. Encourage teachers to seek to deepen their knowledge in their discipline, be it natural sciences, social sciences, mathematics, physical education, Spanish, English, health, humanities, business, agriculture, technology or other.</p>	<p>InTASC 4: 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.</p>	<p>ISTE 1. Facilitate and inspire student learning and creativity Teachers use their knowledge of subject matter, teaching and learning, and technology to facilitate experiences that advance student learning, creativity, and innovation in both face-to-face and virtual environments.</p>	<p>CAEP 1: Content and Pedagogical Knowledge CAEP 2: Clinical Partnership and Practice 2.2, 2.3 CAEP 3: Candidate Quality, Recruitment, and Selectivity 3.4 CAEP 4: Program Impact 4.1, 4.2</p>	<p>PRDE 1: Content Knowledge PRDE 8: Communication & Language</p>	<p>Demonstrate creative and critical thinking. Identify and solve problems, think critically, and synthesize knowledge appropriate to their discipline. Apply mathematical reasoning skills, scientific inquiry methods, and tools of information technology. Apply interpretative and integrative skills</p>

¹ For more detailed theoretical explanations see UPRM Conceptual Framework

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<p>UPRM TPP 2. Possess pedagogical content knowledge. Develop pedagogical content knowledge and an understanding of a broad variety of active methodologies of teaching learning that allows planning instruction that reflects professional standards and curriculum goals.</p>	<p>InTASC 7: 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.</p>	<p>ISTE 2. Design and develop digital age learning experiences and assessments 2c. Customize and personalize learning activities to address students' diverse learning styles, working strategies, and abilities using digital tools and resources</p>	<p>CAEP 2 Clinical Partnership and Practice 2.2, 2.3 CAEP 5 Provider Quality Assurance and Continuous Improvement 5.5</p>	<p>PRDE 3: Instructional Strategies</p>	<p>Identify and solve problems, think critically, and synthesize knowledge appropriate to their discipline. Show moral autonomy a develop a sense of wellbeing. They identify, evaluate, and review social norms and other regulatory standards with critical thought.</p>
<p>UPRM TPP 3. Possess knowledge of human development and learning. Prepare teachers that understand how children learn and develop so that they can provide opportunities that support their intellectual, social, and personal development promoting the integration of knowledge in all its manifestations. Prepare teachers to be consumers of sound research with the purpose of identifying fundamental strategies to encourage academic proficiency.</p>	<p>InTASC 1: 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.</p>	<p>ISTE 2. Design and develop digital age learning experiences and assessments 2c. Customize and personalize learning activities to address students' diverse learning styles, working strategies, and abilities using digital tools and resources</p>	<p>CAEP 1: Content and Pedagogical Knowledge CAEP 2: Clinical Partnership and Practice 2.3 CAEP 3: Candidate Quality, Recruitment, and Selectivity 3.4, 3.5, 3.6 CAEP 4: Program Impact 4.1, 4.2</p>	<p>PRDE 2: Pedagogical Knowledge</p>	<p>Become an intentional learner. Demonstrate creative and critical thinking Communicate effectively Identify and solve problems, think critically, and synthesize knowledge appropriate to their discipline. Apply mathematical, scientific, and technology skills. Apply interpretative and integrative skills</p>

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<p>UPRM TPP 4. Demonstrate creative critical thinking. Contribute to the formation of free human beings who are reflexive, creative, critical thinking individuals to whom these attributes are important in their professional, social, and personal lives.</p>	<p>InTASC 5: 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.</p>	<p>ISTE 1. Facilitate and inspire student learning and creativity 1a. Promote, support, and model creative and innovative thinking and inventiveness 1b. Engage students in exploring real-world issues and solving authentic problems using digital tools and resources</p>	<p>CAEP 1: Content and Pedagogical Knowledge CAEP 2: Clinical Partnership and Practice 2.3 CAEP 3: Candidate Quality, Recruitment, and Selectivity 3.4, 3.5, 3.6 CAEP 4: Program Impact 4.1, 4.2</p>	<p>PRDE 2: Pedagogical Knowledge PRDE 7: Technology Integration PRDE 8: Communication & Language</p>	<p>Communicate effectively Identify and solve problems, think critically, and synthesize knowledge appropriate to their discipline. Apply mathematical, scientific, and technology skills. Apply interpretative and integrative skills. Show moral autonomy and develop a sense of wellbeing. Practice civic virtue. Value diversity</p>
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<p>UPRM TPP 5. Exhibit comprehensive formation. Communication leadership skills - Contribute to the comprehensive formation of a human being by developing his or her intellectual, emotional, and psychological abilities and his or her communication and leadership skills, as well as esthetical and ethical values. Prepare teachers to use effective verbal, nonverbal, and the use of technology to foster active inquiry, collaborations, and supportive interaction.</p>	<p>InTASC 10: 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.</p>	<p>ISTE 5. Engage in professional growth and leadership Teachers continuously improve their professional practice, model lifelong learning, and exhibit leadership in their school and professional community by promoting and demonstrating the effective use of digital tools and resources.</p>	<p>CAEP 4: Program Impact 4.3, 4.4</p>	<p>PRDE 9: Community & Family PRDE 11: Professional Development</p>	<p>Became an intentional learner.</p>
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<p>UPRM TPP 6. Demonstrate community-building skills. Prepare teachers to foster relationships with school colleagues, parents, and educational partners in the larger community to support student learning and well-being thereby encouraging the development of ethical, civic, moral and esthetic values in harmony with individual and collective necessities for achieving a culture of peace and justice.</p>	<p>InTASC 3: 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.</p>	<p>ISTE 2. Design and develop digital age learning experiences and assessments 2b. Develop technology-enriched learning environments that enable all students to pursue their individual curiosities and become active participants in setting their own educational goals, managing their own learning, and assessing their own progress</p>	<p>CAEP 1: Content and Pedagogical Knowledge CAEP 3: Candidate Quality, Recruitment, and Selectivity 3.4, 3.5, 3.6 CAEP 4: Program Impact 4.1, 4.2</p>	<p>PRDE 4: Learning Environments PRDE 7: Technology Integration PRDE 8: Communication & Language</p>	<p>Demonstrate creative and critical thinking. Communicate effectively. Identify and solve problems, think critically, and synthesize knowledge appropriate to their discipline. Apply interpretative and integrative skills. Relate global contexts and issues of importance to Puerto Rico</p>
<p>UPRM TPP 7. Assessment of student learning. Prepare teachers to use formal and informal assessment strategies to provide experiences that contribute to the continuous intellectual, social and physical development of each learner. Use the evaluation process to improve the quality and effectiveness of the teaching-learning process.</p>	<p>InTASC 6: 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.</p>	<p>ISTE 2. Design and develop digital age learning experiences and assessments 2d. Provide students with multiple and varied formative and summative assessments aligned with content and technology standards, and use resulting data to inform learning and teaching</p>	<p>CAEP 2: Clinical Partnerships and Practice 2.1, 2.3 CAEP 3: Candidate Quality, Recruitment, and Selectivity 3.5, 3.6 CAEP 4: Program Impact 4.3</p>	<p>PRDE 6: Evaluation & Assessment</p>	<p>Communicate effectively. Identify and solve problems, think critically, and synthesize knowledge appropriate to their discipline. Show moral autonomy and develop a sense of wellbeing. Practice civic virtue.</p>

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<p>UPRM TPP 8. Demonstrate caring dispositions. Prepare teachers to confront new challenges, social as well as educational, and to contribute to the improvement of Puerto Rico and the world. Further, prepare teachers that can promote worthwhile personal relationships that provide stability, trust, and caring in order to increase learners' sense of belonging, self-respect and self-acceptance, and generate a positive climate for learning.</p>	<p>InTASC 8: 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.</p>	<p>ISTE 1. Facilitate and inspire student learning and creativity 1a. Model collaborative knowledge construction engaging in learning with students, colleagues, and others in face-to-face and virtual environments</p>	<p>CAEP 2: Clinical Partnership and Practice 2.3 CAEP 3: Candidate Quality, Recruitment and Selectivity 3.6</p>	<p>PRDE 3: Instructional Strategies PRDE 7: Technology Integration</p>	<p>Identify and solve problems, think critically, and synthesize knowledge appropriate to their discipline.</p> <p>Relate global contexts and issues of importance to Puerto Rico.</p> <p>Show moral autonomy and develop a sense of wellbeing.</p> <p>Practice civic virtue.</p>
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<p>UPRM TPP 9. Demonstrate sensitivity to diversity. Prepare teachers to recognize and value a diversity of learning styles, social and talents as well as diversity related to social, economic, and cultural experiences, intelligences and talents. Furthermore, prepare teachers to value all students regardless of their race, color, religion, gender or sexual orientation, linguistic ability, ethnic origin or geographical area and to respond to this diversity of learners with the variety of instructional opportunities which promote the development of critical thinking, problem solving, and performance skills of each individual.</p>	<p>InTASC 2: 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.</p>	<p>ISTE 4. Promote and model digital citizenship and responsibility 4b. Address the diverse needs of all learners by using learner-centered strategies providing equitable access to appropriate digital tools and resources</p>	<p>CAEP 1: Content and Pedagogical Knowledge CAEP 2: Clinical Partnership and Practice 2.3 CAEP 3: Candidate Quality, Recruitment, and Selectivity 3.4, 3.5, 3.6 CAEP 4: Program Impact 4.1, 4.2</p>	<p>PRDE 5: Diversity & Special Needs</p>	<p>Communicate effectively. Identify and solve problems, think critically, and synthesize knowledge appropriate to their discipline.</p>
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<p>UPRM TPP 10. Demonstrate reflective practice. Empower teachers to keep abreast of educational innovations and promote the commitment to continual learning in order to meet the technological, educational, scientific, social, and cultural demands of the working world. Develop the reflective habits of continual evaluation of the effectiveness of classroom practices that lead to continuous professional development.</p>	<p>InTASC 9: 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.</p>	<p>ISTE 4. Promote and model digital citizenship and responsibility 4a. Advocate, model, and teach safe, legal, and ethical use of digital information and technology, including respect for copyright, intellectual property, and the appropriate documentation of sources 4b. Promote and model digital etiquette and responsible social interactions related to the use of technology and information</p>	<p>CAEP 2: Clinical Partnership and Practice 2.3 CAEP 3: Candidate Quality, Recruitment and Selectivity 3.6</p>	<p>PRDE 11: Professional Development PRDE 10: Information Management</p>	<p>Communicate effectively. Show moral autonomy and develop a sense of wellbeing. Practice civic virtue. Value diversity.</p>
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