

NCATE Physics Teaching Assessments and Standards Alignment

Physics Teaching Portfolio completion is required prior to student teaching.

Evidence for Proficiency	Physics Teaching Portfolio: Assessments	Courses where Addressed	Standards to which this Assessment Aligns			Minutes
			CWU	State	NSTA (National)	
Dimension 1: Inquiry and Nature of Science	Inquiry Artifact	Any course or experience		WA-COMP.PHY.3	NSTA.3	
	Nature of Science Artifact	Any course or experience		WA-COMP.PHY.2	NSTA.2	
	Inquiry and Nature of Science Reflection					
Dimension 2: Content	Mathematics Artifact	MATH 172, 173, 265, 272, or 273		WA-COMP.PHY: K1.1.1, K1.1.2, K1.1.3, K1.1.4, S1.2	NSTA-2003.1.SCR.C.5: B.14, C.26	
	Mechanics Artifact	PHYS 181, 181Lab, 182, or 182Lab		WA-COMP.PHY.K1.3.1, K1.3.2, K1.3.3, K1.3.4, K1.3.5	NSTA-2003.1.SCR.C.5: A.2, A.3, A.4	
	Energy Artifact	PHYS 181, PHYS 181Lab, PHYS 182, PHYS 182Lab, PHYS 183, PHYS 183lab, CHEM 181, CHEM 181Lab, CHEM 182, or CHEM 182Lab		WA-COMP.PHY.K1.2.2, K1.2.3, K1.2.4	NSTA-2003.1.SCR.C.5: A.2, A.4, A.5, A.6, B.12	
	Electricity and Magnetic Fields Artifact	PHYS 331, 381, 382, or 383		WA-COMP.PHY.K1.4.1, K1.4.2, K1.4.3	NSTA-2003.1.SCR.C.5: A.4, A.9, B.14, B.18	
	Wave Properties Artifact	PHYS 182, 182Lab, 183, 183lab		WA-COMP.PHY.K1.5.2, K1.5.2, K1.5.4	NSTA-2003.1.SCR.C.5: A.8, B.17, B.18	
	Atomic and Nuclear Theory Artifact	PHYS 317, 318, or 333		WA-COMP.PHY.K1.6.1, K1.6.2, K1.6.3, K1.6.4	NSTA-2003.1.SCR.C.5: A.6, A.7, B.13, B.15, B.16	
	Content Reflection		CWU-CTL 1.1	WA-COMP.PHY.1	NSTA.1	

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Dimension 3: Teaching	SCED Portfolio Artifact	SCED 324				
	Other Teaching Experience Artifact	PHYS 492 or other experience				
	Teaching Reflection		CWU-CTL 1.2, CWU-CTL 1.3	WA-COMP.PHY.K5.1, K5.2, K5.3, K5.4, K5.5, K5.6, S5.1, S5.2, S5.3, S5.4, S5.5, K6.1, S6.1, S6.2, S6.3, K7.1, K7.2, S7.1, S7.2, S7.3, S7.4	NSTA.4, NSTA.5, NSTA.6	
Dimension 4: Learning Environments	Collaborative Learning Artifact	SCED 324, PHYS 492, or other experience		WA-COMP.PHY.S3.3, S5.1, S5.2, S5.3, K9.2		
	Support of Diverse Learning Styles Artifact	SCED 324, PHYS 492, or other experience		WA-COMP.PHY.K6.1, S7.2		
	Integration of Technology Artifact	SCED 324, PHYS 492, or other experience		WA-COMP.PHY.K1.7.4, K5.4, S5.4		
	Safety Artifact	SCED 324, PHYS 492, or other experience		WA-COMP.PHY.K5.6, K9.3, S9.6		
	Learning Environments Reflection			WA-COMP.PHY.9	NSTA.5, NSTA.9	
Dimension 5: Assessment and Evaluation	Assessment of Student Learning Artifact	Any course or experience (typically SCED 324)				
	Self Assessment of Teaching Artifact	Any course or experience (typically SCED 324)				
	Assessment and Evaluation Reflection			WA-COMP.PHY.K8.1, S8.1, S8.2, S8.3, S8.4	NSTA.8	
Dimension 6: Relevance	Incorporation of Current Events Artifact	Any course or experience (typically SCED 324)				
	Community Involvement Artifact	Any course or experience (typically SCED 324)				
	Relevance Reflection			WA-COMP.PHY.7	NSTA.4, NSTA.7	
Dimension 7: Professional Growth	Professional Organization or Club Membership Artifact					
	Professional Growth Reflection			WA-COMP.CHEM.K10.1, K10.2, S10.1, S10.2, S10.3, S10.4, S10.5	NSTA.10	