

YES	NO	MAYBE	Possible Class Topics For 2027 AEI - Data From 2026	Requests
			<b>Plan Review</b>	<b>12%</b>
			Commercial Plan Review	3
			Commercial Mechanical Plan Review	2
			Commercial Plumbing Plan Review	
			Hands On Plan Review - Mixed Use, Multi Story Building, & Chapter 7	
			Residential Plan Review	3
			Single Family Plan Review	3
			IRC Plan Review - Transitioning Into the Field	
			Plan Review for New Multifamily & Tenants	
			Plan Review Starter Course (Residential & Commercial)	2
			Plan Review Topics	2
			How to Read Plan Sets	
			2 Day In Depth Basic Plan Review	
			Code & Code Components in Permit/Plan Review Process	
			Plan Completeness Topics	
			Plan Review - From Counter Intake to Actual Review of Plan Set	
			General Digital Plan Review (Markup Tools, Practices for Efficiency, Submittal Checklists, & Intake Review)	
			Advanced Code Plan Review	
			AI Plan Review	2
			Plan Review Strategies for Electrification	
			Enclosure of Carport Plan Review	
			<b>Commercial</b>	<b>10%</b>
			Means of Egress	2
			Basic Means of Egress	
			Emergency Egress (Sizing, Distance, Load, & Horizontal Exits)	
			Structural Code	2
			Structural Code Update	
			IBC For Beginners	
			Building From the Ground Up	
			WA Building Code Complete Multi Day Series	
			Walkthrough of Constructing A Structure - Elements & Departments (Permits, Plan Review, Inspections, to Final Inspection)	
			Beginning Building Code Applications (For Non-Building Professionals)	
			Basic Site Plan	
			Practical Exercises Class (Determining Occupancy Class, List Energy Code Deficiencies On Plan Set, Calculate Duct Sizes, etc.)	
			Basic Structural Engineering	
			Type III-A Multifamily Construction (Maintaining Fire Resistance Ratings w/ Mechanical, Plumbing, & Electrical Penetrations)	
			Multifamily & Multiuse Oriented Class	
			Reviews for Mixed Use Buildings	
			Separation of Occupancies	
			ACI 318	
			Kitchen Specific Compliance Issues & What to Look For	
			IU-A Construction, IBC 1405 Combustible Materials, Exterior Walls, & NFPA 268	
			A2L Refrigerants & ASHRAE 15 & EDVC Calculations	
			Healthcare Occupancy Requirements	
			<b>Energy/Solar</b>	<b>9%</b>
			2024 Energy Code	3
			WSEC Code Review	
			WSEC Explained	
			WSEC Code Changes/Amendments	
			WSEC-C Overview & Updates	2
			Commercial Energy Code	2

		WSEC for Residential & Building	
		Residential Energy Code Pathway	
		WSEC-R 2024 Updates	
		Residential Energy Code Inspections & Compliance	
		Residential Solar	
		IMC & Energy Code Overlap	
		Energy Analysis - Total Building Performance for Energy Code Compliance	
		How to Apply the WSEC In A Plan Review Aspect (Not As Technical)	
		Energy Plan Review Walkthrough	
		Inputting Energy Info Into Compliance Forms Based On Plans	
		Energy Storage Systems Plan Review	
		Energy Code Certification	
		WSEC Service & Hot Water Heating	
		<b>Fire</b>	<b>8%</b>
		Smoke Control	4
		Fire Classes	
		Fire Code Update	
		Fire Theory Panel Discussion	
		Fire Theory: How Fire Actually Works (Behavior of Fire & Smoke for Purpose of Evaluating Code)	
		Fire Plans Review Beginner	
		Fire Plans Review Advanced	
		Fire Apparatus Access for Buildings (Road Design, Traffic Calming Devices, Design Standards, & Modeling/Turning)	
		Fire Ratings & Fire Related to Codes In IRC & IBC	
		UL Assemblies & Fire Ratings	
		Fire Protection & Rated Assemblies	
		Fire Protection Systems	
		Fire Safety & Fire Protection for Battery Storage (Real World Application & Requirements)	
		Fire Separations of ADUs, DADUs, & Townhomes	
		Restoration of Fire Barriers/Firestop	
		IFSAC Public Educator	
		<b>Residential</b>	<b>6%</b>
		IRC For Beginners	
		Residential Code	
		IRC Update	
		IRC w/ WA State Amendements	
		Mechanical Portion of Residential Code (Ch. 15)	
		Whole House Ventilation Systems (IRC & IMC)	
		Prescriptive Residential Design/Lateral Design	
		Single Family Inspections & Final	
		A.D.U's	
		Garage Conversions (Insulation & Floors)	
		Braced Wall Lines Overview	
		Brace Panels - IRC	
		Wood Framing, CFS-Framing, & Suspended Ceiling Framing	
		Detailed Deck Review	
		<b>Plumbing</b>	<b>6%</b>
		Plumbing Classes	3
		UPC Hands On Plumbing	3
		UPC Update	2
		IAPMO/UPC Classes	
		IPC to UPC Comparison	2
		Plumbing 101	
		Energy Code For UPC	
		DWV & Water Heaters	
		<b>Electrical</b>	<b>6%</b>

		Electrical Course	3
		NEC (Article 705) For Interconnected Power Production Sources	2
		PV & ESS for Residential	2
		Emergency & Legally Required Standby Power Systems	2
		RCW & WAC Electrical Update	
		NEC Combined with IBC	
		Electrical Code Provisions Required By Building Code	
		Article 695	
		Electrical Load Calculations	
<b>General</b>			<b>5%</b>
		Steps For Career Growth	2
		How to Apply Common Sense/Intent	
		Code Discussions Between Jurisdictions (Common Issues, etc.)	
		Code Updates - Hurdles from Jurisdictions	
		Code Requirements Made Easy	
		Applying Code - Determining What Codes Are In Place At Time of Construction	
		Operational Vs. Code Options/Ideas	
		Women In Construction - Navigating the Hurdles	
		Navigating Hurdles of the Built Environment for Minorities (Non-Male People of Color)	
		Soft Skills	
		Basics of How to do A Life Safety Plan for Architects/Drafters	
		In Depth Specialized Topics	
<b>Special Inspection</b>			<b>5%</b>
		Special Inspections	
		Special Inspections & Ch 17	
		Special Inspector & Building Official Collaboration Panel *Chris Pratt from Otto Rosenau is willing to partner w/ a Building Official &/or Gary Schenk to instruct*	
		Mass Timber Construction	5
		WABO Concrete Special Inspector (Cert At End of Day)	3
		Fireblocking, Firestopping, & Multifamily Buildings	
<b>Exam Prep Courses</b>			<b>4%</b>
		Certification Testing Practice	2
		Permit Technician Exam Prep	2
		Commercial Inspector Test Prep	
		Commercial/Residential Plans Examiner Test Prep	
		ICC Certification Prep - IBC	
		ICC Certification Prep - IRC	
		ICC Certification Prep - Mechanical	
		Test Prep (CFO, CFM, CRO, 921 NFPA)	
		CBO Certification Training	
<b>Permit Technician</b>			<b>4%</b>
		Permit Technician Specific Courses	4
		Code & Permit Technicians	
		Construction & Design Basics for Permit Technicians	
		Building Construction Introduction for Permit Technicians (Elements, Definitions, & Terms)	
		Deescalation for Front Counter, Phone, & Field for Permit Technicians	
		Energy Code for Permit Technicians	
		WAsafe Basics for Level 5 BSEs (Permit Techs)	
<b>WA State Amendments</b>			<b>4%</b>
		Code Updates w/ WA State Amendments	8
		WAC/RCW Review	
		State Provisions for Existing Buildings	
<b>Administrative/Legal</b>			<b>3%</b>
		Legal Aspects of Code Administration w/ AI (More Nuanced Version Looking At Specific Cases & Consequences)	
		Legal Aspects & AI Conversation	
		Ethics of AI Use In Building Departments	

			Customer Information Best Practices	
			Supporting Different Customer Types (Homeowners, Contractors, etc.)	
			Article 380	
			Insurance & Code Interplay	
			Non-Building Code Regulations Effecting Building Departments (Overview of WACs/RCWs, Agencies Like Access Bowd, etc.)	
			<b>Mechanical</b>	<b>3%</b>
			Mechanical Classes	2
			Mechanical Code Update	2
			Mechanical Code Overview	
			Hands On Mechanical Course	2
			Mechanical, Footings, & Foundations	
			<b>Accessibility</b>	<b>2%</b>
			Accessibility Course	4
			A117.1-2017 As It Applied to IEBC Projects	
			A117.1 & IBC Accessibility	
			<b>Hazards</b>	<b>2%</b>
			Hazardous Materials Course	2
			Hazardous Locations	
			Hazardous Exhaust Mechanical Requirements (Labs)	
			Medical Gas	
			Gas & Hazardous Designs/Systems	
			<b>Commercial/Residential</b>	<b>2%</b>
			Common Code, Standard Defects, & Building Code Violations	2
			Code, Standard, Spec - How They Work Together & Which Has Priority	
			Foundational Skills (Multi Day Series)	
			Code Forum (Full Day)	
			Understanding Venting Types/Installation	
			<b>Artificial Intelligence</b>	<b>2%</b>
			AI Integration	
			Ethics of AI & Environmental Impacts	
			AI For Permitting Departments w/ Product Demos From Various Vendors	
			AI - What Is It? Current Tools, & Future of AI	
			Applicability of AI to Building Departments & Will Robots Take My Career?	
			How to Effectively Use AI In Our Industry	
			<b>Code Enforcement</b>	<b>2%</b>
			Code Enforcement Course	
			Code Enforcement (Field & Office)	
			Land Use Codes & Impacts on Building Code Enforcement (ADU, Muliplex)	
			Life Safety	
			<b>Bluebeam</b>	<b>1%</b>
			Bluebeam Course	2
			Bluebeam Estimator Toolsets for Building Plan Review & How to Build & Use	
			<b>Planning</b>	<b>1%</b>
			Planning Related Course	
			Land Use Code	
			Zoning Related	
			<b>Building Inspector</b>	<b>1%</b>
			Commercial Inspector Overview	
			Things to Look For During Inspection	
			Class Structured Around the Inspector's Skills Book	
			<b>Technology</b>	<b>1%</b>
			New Technology	
			Technology In the Built Environment	
			<b>Plans Examiner</b>	<b>&lt;1%</b>
			How to Become A Plans Examiner	