

Architecture & Construction Sample List of Existing Credentials
(Includes licenses, education and industry certificates, and postsecondary degree options)
Updated: February 24, 2010

NCTEF/NASDCTEc does not endorse any of the listed licenses, certificates or degrees.

Education and Industry Licenses			
Pathway	Title/Type/Descriptor of Certification Program	Issuing Organization	Source for Contact Information
PC, C, MO	Information provided by states	Contractor Licensing	http://www.contractor-licensing.com/
		Contractor's License Reference Site	www.contractor-license.org
		Examination and Licensing Services	www.experioronline.com
		National Association of State Contractors Licensing Agencies	www.nascla.org
			http://www.constructionweblinks.com/Industry_Topics/Licensing__Industry_Topics/licensing__industry_topics.html

Education and Industry Certificates			
Pathway	Title/Type/Descriptor of Certification Program	Issuing Organization	Source for Contact Information
C, MO	ACI Field Technician Certification Program (17 programs)	American Concrete Institute	www.concrete.org/certification/cert.asp
PC	AICP	American Planning Association	www.planning.org/
C	AISC Quality Certification program	American Institute of Steel Constructions	www.aise.org/

C	Certificate in Plumbing Design	American Society of Plumbing Engineers	www.aspe.org/new/CPD/cpd.php
PC, C, MO	API E&I Pipeline Technician	National Center for Construction Education and Research	www.nccer.org
C	Architectural Hardware Consultant (AHC)	Door and Hardware Institute	www.dhi.org/INDUSTRY/certification/certification.php
C	Architectural Plant Certification	Architectural Precast Association	www.archprecast.org/plantcertification.htm
PC, C	ASME Continuing Education Institute	American Society of Mechanical Engineers	www.asme.org/education/certification
PC	ASNT Certification Programs	American Society for Nondestructive Testing	www.asnt.org/certification/certification.htm
PC, C, MO	ASU Education Certifications	Arizona State University	www.ade.state.az.us/CERTIFICATION/generalinfo.pdf
PC, C, MO	Boilermaking	National Center for Construction Education and Research	www.nccer.org
PC, C, MO	Boilermaking Technician		
PC, C, MO	Certificate Programs	University of Wyoming	http://uwacadweb.uwyo.edu/certificates/
PC, C, MO	Certified Building Official (CBO)	International Code Council	http://www.iccsafe.org/ACCREDITATION/Pages/default.aspx
PC, C, MO	Certified Construction Manager (CCM)	Construction Management Association of America	www.cmaanet.org/cmci-0
PC, C, MO	Certified Energy Manger Certification	Association for Energy Engineers	www.aeecenter.org/certification/
PC, C	Certified Ground Water Professional	National Ground Water Association	www.ngwa.org/cert/index.aspx
MO	Certified Plant Engineer	Association for Facilities Engineering	www.afe.org/certification/index.cfm
C	Certified Professional Constructor	American Institute of Constructors	www.aicnet.org/certification/index.asp

PC, C	Certified Professional in Erosion and Sediment Control	International Erosion Control Association	www.ieca.org/education
C	Certified Welding Engineer	American Welding Society	www.aws.org/w/a/certification/index.html
C	Coating Inspector	NACE	http://nace.org/content.cfm?parentid=1007&currentID=1349
C	Cathodic Protection		
C	Certification Corrosion Specialist		
C	Protective Coating Specialist		
C	Chemical Treatment Specialist		
C	Materials Selection/Design Specialist		
PC, C, MO	Commercial Carpentry		
PC, C, MO	Commercial Electrical		
PC, C, MO	Corrosion Prevention Pipeline Technician		
PC, C, MO	Craft Instructor		
C	Crane Simulation Training	North American Crane Bureau	www.cranesafe.com/simulators.htm
C	CSI Certification Programs	Construction Specifications Institute	www.csinet.org/s_csi/sec.asp?TRACKID=&Cid=83&DID=362
PC, C, MO	Engineering Technician Certification	National Institute for Certification in Engineering Technology	www.nicet.org/
C, MO	EPA Technician Certification	Air Conditioning and Refrigeration Institute	www.ahrinet.org/Content/AHRICertificationPrograms_732.aspx
	EPA Section 608 Refrigerant Certification	Air Conditioning Contractors of America	www.acca.org
PC, C, MO	Field & Control Center Operations Technician	National Center for Construction Education and Research	www.nccer.org

MO	Geothermal Heat Pump and Training Certification	Air Conditioning Contractors of America	www.acca.org/education/
PC, C, MO	Hazardous Waste Management	University of Massachusetts	www.continuinged.uml.edu/certificates/index.htm
PC, C, MO	HBI/NAHB Instructor Certification for Residential Construction	Home Builders Institute (HBI)	www.buildingcareers.org ; www.hbi.org
	Housing - Pre-Professional Certification	American Association of Family and Consumer Sciences (AAFCS)	www.aafcs.org/prepac
PC, C, MO	HVACR Technician Certification Programs	North American Technician Excellence, National Center for Construction Education and Research	www.hvacexcellence.org
PC, C, MO	ICC Code Central	International Code Council	www.iccsafe.org/certification
PC, C, MO	Industrial Carpentry	National Center for Construction Education and Research	www.nccer.org
PC, C, MO	Industrial Electrical		
PC, C, MO	Industrial Insulation		
PC, C, MO	Industrial Ironworking		
PC, C, MO	Industrial Maintenance Electrician		
PC, C, MO	Industrial Maintenance Mechanic		
PC, C, MO	Industrial Painting		
PC, C, MO	Industrial Pipefitter		
	Industry Competency Exams (ICE)	Air Conditioning Refrigeration Institute (ARI)	www.ari.org
	Interior Design - Pre-Professional Certification	American Association of Family and Consumer Sciences (AAFCS)	www.aafcs.org/prepac
PC, C, MO	Instrument Fitter	National Center for Construction Education and Research	www.nccer.org
PC, C, MO	Instrument Technician		

PC, C, MO	LEED - Green Building Certification	U.S. Green Building Council (USGBC)	www.usgbc.org
PC, C, MO	Management Education Instructor	National Center for Construction Education and Research National Center for Construction Education and Research	www.nccer.org
PC, C, MO	Master Instructor		
PC, C, MO	Master Trainer		
PC, C, MO	Mechanical Pipeline Technician		
PC, C, MO	Millwright		
PC	Mobile, Tower, or Overhead Crane Operator	National Commission for the Certification of Crane Operators	www.nccco.org/certification/index.html
PC, C, MO	NAHB - National Green Building Standard (NGBS)	National Association of Home Builders (NAHB)	www.nahbgreen.org
C	Certified Federal/Commercial/Professional/Schedules Contracts Manager	National Contract Management Association	www.ncmahq.org/careers
PC, C, MO	Safety Certificates Programs	National Safety Council	http://www.nsc.org/products_training/Training/certifications/Pages/certifications.aspx
C, MO	Certified Alarm Technician	National Burglar and Fire Alarm Association	www.alarm.org/nts/certification.html
PC, C, MO	OSHA 10-Hour Construction Industry Certification	Federal OSHA	www.careersafeonline.com, www.OSHA.gov
PC, C, MO	Performance Evaluator	National Center for Construction Education and Research	www.nccer.org
PC, C, MO	Plumbing Certificate Programs	Plumbing-Heating-Cooling Contractors Educational Foundation	www.hall@naphcc.org
PC, C, MO	Pipeline Maintenance Technician	National Center for Construction Education and Research	www.nccer.org
PC	Pneumatic Mechanic, Technician (Hydraulic, Electronic)	Fluid Power Society	www.ifps.org/certification/index.htm

PC, C	Project Management Institute	Project Management Institute	http://www.pmi.org/AboutUs/Pages/Credentials.aspx
PC, C	Project Management Professional		
PC, C	Certified Associate of Project Management		
PC, C	Programming Management Professional		
PC, C	PMI Scheduling Professional		
PC, C	PMI Risk Management Professional		
C	Registered Roof Consultant Registered Roof Observer	Roof Consultants Institute (RCI)	www.rci-online.org/professional-programs.html
PC, C, MO	Residential Carpentry HBI/NAHB Industry Certification	Home Builders Institute (HBI)	www.buildingcareers.org ; www.hbi.org
PC, C, MO	Residential House Wiring HBI/NAHB Industry Certification		
PC, C, MO	Residential HVAC HBI/NAHB Industry Certification		
	RSES Technical Institute	Refrigeration Service Engineering Society	www.rses.org
C	Certified Assistant/Industrial Refrigeration Operator	Refrigerating Engineers and Technicians Association	www.reta.com/certification/index.htm
PC, C, MO	Safety Master Trainer	National Center for Construction Education and Research	www.nccer.org
PC, C, MO	Safety Supervisor		
PC, C, MO	Safety Technician		
PC, C, MO	Scaffold Builder		
PC, C	Manufacturing Technologist, Engineer	Society of Manufacturing Engineers	www.sme.org/cgi-bin/getsmepg.pl?/cert/certification.html&&&SME&

C	SSPC Certification Programs	Society for Protective Coating	www.sspc.org/certification/forms_etc.html
PC, C	Certified Federal Surveyors	Certified Federal Surveyors	www.cfed.org
	Certified Flood Plain Surveyors	American Congress on Surveying and Mapping	www.acsm.net/cfscert.html
	Certified Hydrographer	National Society of Professional Surveyors	www.nspsmo.org/hydrographic_cert/hydrographic_index.shtml
C, MO	Training and Certification Program for Installers of Residential and Light Commercial Windows and Exterior Glass Doors	Installation Masters	www.installationmastersusa.com
PC, C	Transportation Profession Certification	Institute of Transportation Engineers	www.tpcb.org
C, MO	UL On-line Certifications	Underwriters Laboratories, Inc	www.ul.com/
PC, C, MO	UW Extension Certified Programs	University of Washington	www.outreach.washington.edu/ext/certificates/ceh/ceh_hta.asp
C	Voluntary Plumbing Inspector Certification	International Association of Plumbing and Mechanical Officials	www.iapmo.org/pages/GetCertified.aspx
C	Voluntary Mechanical Inspector Certification		

Postsecondary Degree Options

Pathway	Title/Type/Descriptor of Certification Program	Issuing Organization	Source for Contact Information
PC	Architectural Engineering	College or University	http://www.constructionweblinks.com/Organizations/Colleges_and_Universities/Graduate_Programs_Colleges_U/Architectural_Engineering_Gra/architectural_engineering_gra.html
PC	Architecture		http://www.constructionweblinks.com/Organizations/Colleges_and_Universities/Graduate_Programs_Colleges_U/Architecture_Graduate_Program/architecture_graduate_program.html

PC	Architecture	http://www.constructionweblinks.com/Organizations/Colleges_and_Universities/Engineering_Colleges_Univers/engineering_colleges_univers.html
	Chemical Engineering	http://www.constructionweblinks.com/Organizations/Colleges_and_Universities/Graduate_Programs_Colleges_U/Chemical_Engineering/chemical_engineering.html
PC, C	Civil Engineering	http://www.constructionweblinks.com/Organizations/Colleges_and_Universities/Graduate_Programs_Colleges_U/Civil_Engineering/civil_engineering.html
C	Construction Engineering and Management	http://www.constructionweblinks.com/Organizations/Colleges_and_Universities/Graduate_Programs_Colleges_U/Construction_Engineering_and_M/construction_engineering_and_m.html
C	Construction Management	http://www.constructionweblinks.com/Organizations/Colleges_and_Universities/Architecture_Colleges_Univer/architecture_colleges_univer.html
PC, C	Electrical Engineering	http://www.constructionweblinks.com/Organizations/Colleges_and_Universities/Graduate_Programs_Colleges_U/Electrical_Engineering/electrical_engineering.html
PC, C	Energy and Power Management	http://www.constructionweblinks.com/Organizations/Colleges_and_Universities/Graduate_Programs_Colleges_U/Energy_Power_Management/energy_power_management.html
PC, C	Energy Management and Policy	http://www.constructionweblinks.com/Organizations/Colleges_and_Universities/Graduate_Programs_Colleges_U/Energy_Management_and_Policy/energy_management_and_policy.html
PC, C	Engineering	http://www.constructionweblinks.com/Organizations/Colleges_and_Universities/Construction_Management_Colle/construction_management_colle.html
PC	Engineering Design	http://www.constructionweblinks.com/Organizations/Colleges_and_Universities/Graduate_Programs_Colleges_U/Engineering_Design/engineering_design.html
C, MO	Engineering Management	http://www.constructionweblinks.com/Organizations/Colleges_and_Universities/Graduate_Programs_Colleges_U/Engineering_Management/engineering_management.html

PC	Geotechnical Engineering	http://www.constructionweblinks.com/Organizations/Colleges_and_Universities/Graduate_Programs_Colleges_U/Geotechnical_Engineering/geotechnical_engineering.html
PC, C, MO	Landscape Architecture	http://www.constructionweblinks.com/Organizations/Colleges_and_Universities/Graduate_Programs_Colleges_U/Landscape_Architecture/landscape_architecture.html
PC, C	Mechanical Engineering	http://www.constructionweblinks.com/Organizations/Colleges_and_Universities/Graduate_Programs_Colleges_U/Mechanical_Engineering/mechanical_engineering.html
PC	Mineral and Mining Engineering	http://www.constructionweblinks.com/Organizations/Colleges_and_Universities/Graduate_Programs_Colleges_U/Mineral__Mining_Engineering/mineral__mining_engineering.html
PC, C	Structural Engineering	http://www.constructionweblinks.com/Organizations/Colleges_and_Universities/Graduate_Programs_Colleges_U/Structural_Engineering/structural_engineering.html
PC, C	Surveying	http://www.constructionweblinks.com/Organizations/Colleges_and_Universities/Graduate_Programs_Colleges_U/Surveying/surveying.html