

# NCCER Rigger COMBINED

December 2, 2016



Certifying Organization	National Center for Construction Education and Research (NCCER) <a href="http://www.nccer.org/">http://www.nccer.org/</a>	
Description of Credentials	<p>NCCER certifications provide students with immediate credibility among hiring executives in construction, manufacturing, maritime and all related industry sectors, giving certified students an advantage in attaining entry-level employment.</p> <p>In 2010, OSHA updated the crane regulations to include additional training and qualifications for riggers. In response, NCCER has restructured and added to its existing curriculum to create a three-level rigger course that meets or exceeds the current requirements found in the OSHA 29 CFR Part 1926 Amendment. Topics covered in Basic, Intermediate and Advanced Rigger include Rigging Equipment, Basic Principals of Cranes, and Lift Planning. For more information on Rigger Certification, click <a href="#">here</a>.</p>	
	Basic Level 1	<p>The Basic Rigger safely uses and recognizes the limitations of chain, synthetic, metal mesh, and wire rope slings as well as specific rigging hardware to include: hooks and similar attaching devices, shackles, wire rope clips, clamps, eyebolts, softeners, and taglines. The Basic Rigger identifies common load configurations and positioning and demonstrates specific knowledge of crane operations including voice and radio communications (as defined in ASME B30.2, ASME B30.3, ASME B30.5, ASME B30.6), personal fall protection methods, emergency procedures, and hazards and restrictions with working in proximity to overhead electric lines and equipment.</p>
	Intermediate Rigger Level 2	<p>In addition to being knowledgeable in all Basic Rigger tasks, the Intermediate Rigger must also demonstrate intermediate level of proficiency in all the rigger tasks. The rigger performs specific rigging operations using come-along and chain hoists, reeving, rigging hitches and knots, anchor points, synthetic ropes, wire ropes, chains, spreader bars and equalizing beams, synthetic slings, lifting points, dollies, trollies, winches, bars and levers, rigging jacks, links and rings, plate clamps, and cable dogs/grips. The Intermediate Rigger is proficient in load dynamics and load weight estimation or determination as they relate to the rigging operation. The Intermediate Rigger calculates equipment capacities, and applies D/d ratios, vectors, angles, boom angles and load radius as they relate to lifting and/or rigging operations.</p>
	Advanced Rigger Level 3	<p>In addition to being knowledgeable in all Basic and Intermediate rigger tasks, the advanced rigger must also demonstrate advanced level of proficiency in all the rigger tasks. The advanced rigger performs specific rigging operations as they relate to blind hoists, traveling with a load, working in close quarters, and lift procedures for personnel. The advanced rigger applies specific rigging criteria from the manufacturer or equipment representative to the safe and appropriate methods of erection, dismantling, jumping, and reconfiguring of cranes. The advanced rigger also applies specific rigging criteria for lifting a single load with multiple cranes. The advanced rigger identifies and interpret load indicator and safety devices, capacity or load charts, specific mechanical advantages, the center of gravity as it relates to the rigging operation, as well as the effects of angles or indirect pulling in the rigging operation. The advanced rigger is also proficient in the direction of single, multiple specialized lifts. The advanced rigger is knowledgeable and can demonstrate proficiency in the design, documentation, and implementation of lift planning.</p>
Part of which Graduation Pathways <sup>1</sup>	<u>Integrated:</u> Maritime	
<a href="#">Associated with Which Careers?</a>	<p><u>5 Star:</u> Aircraft Mechanics and Service Technicians; Carpenters</p> <p><u>4-Star:</u> Riggers; Maintenance and Repair Workers; Roustabouts, Oil and Gas; Structural Iron and Steel Workers</p> <p><u>3 Star:</u> Construction Laborers; Hoist and Winch Operators</p>	
Entry-Level Annual Salaries	\$19,281 - \$36,270	

Industry-Based Certification Requirements: Students						
Standard / Curriculum	NCCER Core is a prerequisite for completion of all NCCER certifications (and all Helper pathways). Classes may be taught concurrently, but Level 1 or above certifications cannot be attained until NCCER Core has been successfully completed. <a href="#">NCCER Rigger Curriculum</a>					
Testing Methodology	Paper?	Yes	Online?	Not at this time	Performance Exams / Tests?	Yes
Re-Testing (if available)	Re-Testing Procedures	If the passing score is not attained on the initial rigger assessment, a retest may be taken following a two-day waiting period. If the initial rigger practical examination is not passed, the Rigger/Signal Person Practical Examiner will determine when retesting may be done. Subsequent retests (after two attempts) require a 30-day waiting period.			Max Attempts	No more than four attempts within a 12-month period.
Testing Details (including any age requirements / accommodations)	<p><a href="#">Rigger and Signal Person Certification Providers</a></p> <p>Students must pass written exam with a score of 70% or better. Performance verifications are pass/fail and must be signed off by the certified Craft Instructor.</p> <p>Both assessments and practical examinations are scored by computers at Prov, NCCER’s test development partner. Assessment and practical examination score results are available within 15 minutes of submission at <a href="http://www.provexam.com">www.provexam.com</a>.</p> <p>The NCCER Rigger Certification program can only be administered through a NCCER Rigger/Signal Person Endorsed Accredited Assessment Center (AAC). Each AAC determines the schedule and cost of services to be provided. Visit <a href="http://www.nccer.org">www.nccer.org</a> or call NCCER customer service at 888-622-3720 to locate a Rigger/Signal Person Endorsed AAC.</p> <p>This written assessment is a two-hour, closed-book examination complemented with a practical examination for a certification. You will be permitted to use a nonprogrammable, nonprinting calculator during the examination. The assessment center will provide necessary pencils. No extra papers, books, notes or study materials are allowed in testing area.</p>					
Industry-Based Certification Requirements: Teachers						
<i>Bulletin 746, Chapter 5: All Louisiana teachers providing instruction in a course that leads to an IBC must hold the certification that they’re teaching students to attain.</i>						
Instructor Certification Requirements (by certifying agency)	<p>The NCCER Rigger Certification program can only be administered through a NCCER Rigger/Signal Person Endorsed Accredited Assessment Center (AAC). Each AAC determines the schedule and cost of services to be provided. Visit <a href="http://www.nccer.org">www.nccer.org</a> or call NCCER customer service at 888-622-3720 to locate a Rigger/Signal Person Endorsed AAC.</p> <p>To maintain NCCER Instructor certification, instructor must have Form 200 approved by NCCER before ICTP expiration (certification will be extended 3 years from completion date on Form 200).</p>					
Proctoring / Test Security (if any)	<p>Only Master Trainers and NCCER Certified Instructors will have access to the tests. Tests will be administered by the instructor or Curriculum (ICTP) Proctor.</p> <p>Testing accommodations, specifically tests read aloud, are only available for designated students. NCCER has given permission for school personnel to administer the assessment provided the NCCER Craft Instructor ensures test security.</p>					

Certification Tracking						
Credentialing Documentation	All scored module tests (both written and performance) will be kept in a secure physical or electronic location for at least three years. Results are submitted through the <a href="#">NCCER Registry</a> . NCCER will send appropriate credentials (certificate, wallet card and official transcript) to the assessment center upon successful completion of all requirements for basic rigger certification.					
Certification Tracking System	Online Tracking System?	Yes		Details	N/A	
Other Details	Expiration Timeframe?	In order to obtain recertification, a candidate must repeat the initial certification requirements. Riggers must recertify every five years.				
Certification Costs / Funding Sources						
Cost Details	There is a one-time \$50 site application fee paid at initial site accreditation. No other certification costs are required by NCCER. It is the responsibility of certifying agency (school/district) to provide access to consumables and machinery needed to certify students. <a href="#">NCCER Trainee Guides</a> : Level 1 \$49.00; Level 2 \$52.00; Level 3 \$52.00					
Re-test / Refund Policies	If the passing score is not attained on the initial rigger assessment, a retest may be taken following a two-day waiting period. If the initial rigger practical examination is not passed, the Rigger/Signal Person Practical Examiner will determine when retesting may be done. Subsequent retests (after two attempts) require a 30-day waiting period with no more than four attempts within a 12-month period.					
Funding Sources <sup>2</sup>	CDF?	No	Perkins?	Yes	Alternative Source (other than General Funds)	
For More Information						
Certifying Agency Contact Info	NCCER- Scott Fisher 1-(888)-622-3720 <a href="mailto:sfisher@nccer.org">sfisher@nccer.org</a> <a href="#">Pearson</a> (textbooks)- Bill Underwood 1-(800)-720-3870 <a href="mailto:william.underwood@pearson.com">william.underwood@pearson.com</a>					
LDE Contact	BJ Bertucci <a href="mailto:bryan.bertucci@la.gov">bryan.bertucci@la.gov</a> Martha Moore <a href="mailto:martha.moore@la.gov">martha.moore@la.gov</a>					

1 – This table may not include all the graduation pathways this credential appears in. Please check the [graduation pathway](#) you are working with if you have a question as to whether or not this credential is part of that pathway.

2 – CDF = [Career Development Fund](#)