REC Foundation Pre-Engineering Certification Fact Sheet

Certifying Organization	Robotics Education & Competition Foundation
Description of Credentials	Robotics Engineering Curriculum (REC)- The REC Foundation is pleased to provide two industry certifications for schools, students in engineering related programs, and robotics clubs. These certifications were designed by a team of accomplished professionals composed of engineers, college professors, and high school teachers. The REC Foundation Certifications Program is a response to a global need for more students in the Science, Technology, Engineering, and Mathematics (STEM) fields.
Entry-Level Annual Salaries	$35-$40,000
CTE Program Alignment	Automation and Robotics, Engineering, Electronic Technologies, Precision Machining, Software Development

Industry-Based Certification Requirements: Students					
Standard / Curriculum	VEX curriculum - https://education.vex.com/eduvex/edr/stem-labs/\ https://www.roboticseducation.org/educational-resources/industry-certifications/				
Testing Methodology *(consists of two tests)*	**Paper?**	No	**Online – Cognitive portion**	Yes	**Performance Exams / Tests? Psychomotor portion** No
Re-Testing (if available)	**Re-Testing Procedures**	YES—provided you follow local rules and guidelines. Some states require 3 weeks, a month, 48 hours etc., between testing. Some none. An additional voucher code with each voucher code with each certification which can be used for the pre-test or for retesting a failed examor saved if not used for other students.		**Max Attempts**	3
Testing Details (including any age requirements / accommodations)	No age requirement				

Industry-Based Certification Requirements: Teachers	
Instructor Certification Requirements (by certifying agency)	We suggest the teachers prepare and take and pass the certifications to help them prepare their facilities and curricula.

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Proctoring / Test Security (if any)	Students must pass Fundamentals of Engineering plus a minimum of two out of the eight engineering modules in order to receive the REC Foundation Pre-Engineering Certification.			
Certification Tracking				
Credentialing Documentation	Pre-engineering. A student must pass the fundamentals of engineering module exam plus select by (student or teacher, school) any two of eight available pre-engineering modules for the disciplines of 1) aerospace 2) chemical 3) Civil 4) computer science 5) electrical 6) engineering technology 7) manufacturing technology and 8)mechanical			
Certification Tracking System	**Online Tracking System?**	Yes	**Details**	N/A
Other Details	N/A		**Expiration? Timeline?**	Students must pass Fundamentals of Engineering plus a minimum of two out of the eight engineering modules in order to receive the REC Foundation Pre-Engineering Certification.
Certification Costs / Funding Sources				
Cost Details	$40 each pre-engineering cert			
Re-test / Refund Policies	No refunds for student poor performance. If there is a technical issue due to the hosting company's responsibility we will provide additional replacement codes equal to the problem.			
For More Information				
Certifying Agency Contact Info	Robotics Education & Competition Foundation P.O. Box 8276 Greenville, TX 75404 Email: support@robotevents.com Phone: (903) 401-8010 Email: certifications@roboticseducation.org https://www.roboticseducation.org/educational-resources/industry-certifications/			