

## CERTIFICATION EXAM

The **SPACE**TEC® Certified Aerospace Technician™ exam is a three part process consisting of a written test, followed by an oral and practical evaluation of an individuals' technical knowledge and skills.

The core examination focuses on the aerospace technical core consisting of the following subject areas:

- Introduction to Aerospace
- Aerospace Safety
- Applied Mechanics
- Basic Electricity
- Materials and Processes
- Tests and Measurements

Advanced certifications are also offered for:

- Space Vehicle Processing
- Aerospace Manufacturing
- Composites

## WHO CAN BE CERTIFIED?

Any individual with at least two years work experience in an aeronautical, aviation, aerospace, or engineering field.

Any active duty or veteran military personnel whose rating or assignment is/was in the aeronautical, aviation, aerospace, or engineering field.

Any college or technical school graduate with at least a two year degree in an aeronautical, aviation, aerospace, or engineering discipline.

Any individual who holds an FAA Airframe & Powerplant Certificate.

## How Do I GET STARTED?

Begin by visiting the **SPACE**TEC® website at <http://www.spacetec.org> to learn more about what we offer.

Under the picture on the home page you will find a Certifications tab with a drop down list of the areas available for certification. Choose the one that interests you the most and move your mouse over that label to reveal a drop down menu.

Fill out the "Request for Information" form and submit it to **SPACE**TEC® to receive an email direct from the **SPACE**TEC® staff providing you details on the specific area of interest you've selected.

## EARN COLLEGE CREDIT

The American Council on Education (ACE), the major coordinating body and college credit recommendation service for all of the nation's higher education institutions, has approved **SPACE**TEC® exams for credit toward baccalaureate/associate degrees, allowing individuals access to academic credit for examinations taken outside traditional degree programs.

### FOR MORE INFORMATION CONTACT US AT:

**SPACE**TEC®

7099 N. Atlantic Ave, Suite 300

Cape Canaveral, FL. 32920

Phone: 321.730.1020

Fax: 321.433.7750

E-mail: [information@spacetec.org](mailto:information@spacetec.org)/

Website: [www.spacetec.org](http://www.spacetec.org)



NSF National Center for  
Aerospace Technical Education

ARE YOU  
INTERESTED IN A  
CAREER IN  
AVIATION,  
AEROSPACE, OR  
HIGH TECHNOLOGY?

WOULD YOU LIKE  
COLLEGE CREDIT  
FOR WHAT YOU  
ALREADY KNOW?



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## WHO WE ARE...

**SPACE TEC**® is the National Science Foundation National Resource Center that promotes and educates candidates for technical employment. Its certification programs offer performance based examinations that result in industry-driven nationally recognized credentials that reflect the competencies employers demand.

## WHAT WE DO...

Founded in 2002, **SPACE TEC**® certifies technicians employed in civil, defense, and commercial organizations nationwide. Through its partner colleges and affiliates, the **SPACE TEC**® Consortium offers technical skills training and college degrees for careers in a variety of U.S. industries.

## HOW WE OPERATE...

To achieve **SPACE TEC**® certifications, candidates must meet minimum work and/or education prerequisites and successfully pass a computer based knowledge test, followed by oral and hands-on practical exams administered by certified **SPACE TEC**® examiners.

## WHAT WE OFFER...

In addition to performance certifications, **SPACE TEC**® also provides Knowledge and Skills Inventories (KSIs) that are designed to identify and quantify workforce skills and abilities in many fields, including aerospace technology, composites, manufacturing, and custom designed skill inventories for advanced technologies.

## QUOTES FROM INDUSTRY



“Technicians make the world go round.” **Col. John Olshefski** (US Army Retired) speaking at the 2009 N. Alabama Aerospace Technician Appreciation Night.

“This certification is a major stepping stone towards a lifetime career in the Aerospace industry and provides the foundational principles utilized in this industry while providing nearly half of the credits required for an Associates degree in Aerospace Technology which can be transferred to a higher degree opening many more opportunities in the Aerospace industry.” **MSgt. Ron Linder, USAF**



**Alex Jakhel** earned his SpaceTEC® Core certification while serving in the US Navy aboard the USS Nimitz. Alex Jakhel pictured with AFCM Brian Limer, a SpaceTEC® examiner.

“If someone who was **SPACE TEC**® certified came to me for an interview or submitted a resume to me, I would give him or her priority consideration among equally qualified candidates.” **Gregory Benson**, Supervisor, Mechanical Test Operations; Strategic Missile & Payload Service; Lockheed Martin Mission Services, VAFB, CA.

## CODE OF CONDUCT

A Certified Aerospace Technician™ conducts operations within the limits of authority specified by his or her employer for the assembly, servicing, test, operation, maintenance, preventive maintenance, and repair of aerospace flight and ground systems, payloads or appliances, related laboratories, and ground support equipment or parts thereof.

A Certified Aerospace Technician™ may not exercise the privileges of his or her certificate unless he or she (1) has had direct experience with the systems and equipment upon which work is to be performed, (2) understands the current instructions of the manufacturer, and (3) is familiar with the operating procedures and maintenance manuals for the specific systems, equipment, and operations in question.

It is each technician's responsibility to apply common sense and “best practice” techniques in decisions where specific rules do not provide all the answers, seeking assistance and assuming personal accountability for all technical work-related activities. Personal ethics govern behavior in situations where there are no procedures that provide clear guidelines.

