



# PROGRAM SYLLABUS

## Licensed Unmanned Vehicle Pilot (L.U.V.)

# OUR MISSION

## **Our Mission:**

DO WHAT IS GREAT - ON SEA, AIR, AND LAND.

Spirit primarily serves Veterans, adults and youth in communities, with innovative technologies, software, education in robots, cobots, and drones. Integrity, adaptability, and collaboration among staff are integral parts of our operation, and it is our staff that will be tasked with carrying out this mission on a daily basis.

We will work to ensure the professional and personal growth of all Veterans, as well as staff members - our most valuable assets. We will accomplish our goals using the highest standards of ethics, professionalism, transparency, fairness, and responsiveness towards those we serve - the Veterans and those with whom we serve - our fellow students. In adhering to these principles, the SPIRIT will become the standard by which effective education and employment opportunities are measured throughout the USA.

A handwritten signature in black ink, appearing to read 'Jim Mikel', with a stylized flourish at the end.

Jim Mikel, Director General "Spirit"

# ABOUT US

SPIRIT 6 week LUV is a classroom or live instructor led immersion tech learning program. Our accelerated 6-12 week career-changing programs help students land high-paying, in-demand, and rewarding jobs in the tech industry.

SPIRIT was founded in 2010 as a response to the talent gap that SPIRIT saw happening in the community and nationwide. At SPIRIT, students progress from technical novices to a level where they can help tackle that talent and diversity gap as entry apprentices in the Licensed Unmanned Vehicle Pilot U.S. Department of Labor Registered Apprenticeship, a 24 month national registered apprenticeship.

We let our program outcomes speak for themselves. With help from our local connections and custom career placement services, **more than 100% of Spirit students enter the LUV program, once successfully completing their 6 week training.**

# ABOUT OUR STUDENTS

## **Problem-solvers**

*Demonstrate a strong desire to make things better for diverse people & situations*

## **Humble**

*Ready to grow with a willingness to adjust to new situations & ideas*

## **Curious**

*Unafraid to dive in and make sense of the unknown*

## **Empathetic**

*Recognize good solutions require a true understanding of the problem*

## **Resilient**

*Understand that experimentation & iteration are an engine for success*

## **Driven**

*Determined to reach their goal through hard work*

# OUR SIGNATURE PROGRAMS



**6 Week LUV Program**



**24 Month Apprenticeship**  
*U.S. Department of Labor  
Registered Apprenticeship*

# PROGRAM CURRICULUM





# 6 Week LUV



Our LUV Tec program prepares you for the 24 month LUV Apprenticeship, and a career in drones, cobots, and robots, using applications in a team environment.

Through lecture, research, and live classroom, the program teaches you the skills you need to do a 21<sup>st</sup> Century tech job while filling your portfolio with unique projects over 24 months.

The program emphasizes collaborative team work with real-world clients to best prepare you for your professional work.

You'll benefit from:

*Practicing your skills on a locally-sourced client project unique to each cohort.*

*Career development strategies, tactics, and advice, including access to our ever-growing Network.*

*Professional behavior coaching tailored to help you tackle the challenges of solving problems within a team.*











# PROGRAM CURRICULUM



LUV



# LUV EXPERIENCE

LUV

Your LUV Experience program prepares you for a career where you are making experiences that are usable and meaningful.

SPIRIT provides you with active-practice experience in the entire program—from discovery research, through low and mid level projects, team coordination and development.

Our medium-agnostic approach equips you with the skills you need to solve any problem in any industry—even those yet to be invented.

You'll benefit from:

*Practicing your cobotic skills locally, operating robots through locally-sourced client projects unique to each cohort.*

*Career development strategies, tactics, and advice, including access to our ever-growing network and teams.*

*Professional behavior coaching tailored to help you tackle the challenges of solving problems within a team.*

# Drones

Ensures everyone is speaking the same language

- **FAA Safety Team Curriculum**
- Drone Regulations
- Weekly video classes and weekly deliverables
- **On-Site Training in most locations**
- **Optional opportunities to engage with the Spirit community**

# Robots

Practice foundational concepts

- **Full-time on-site or Remote**
- SPOT, the Agile Mobile Robot
- Additional homework reading during 6 weeks
- Daily assignments and weekend challenges

# Cobots

Deepen your practice through a team and local projects with your team

- Advanced Manufacturing
- Cobots used in Culinary Arts
- Local Cobot opportunities
- Individual and team projects

WEEK 1

**Media**  
*Mapping*  
*Software*

WEEK 2

**Cobots**  
*Autonomous*  
*Software*

WEEK 3

**Robots**  
*Autonomous*  
*Software*

WEEK 4

**Drones**  
*Remote Software*  
*Used with Drones*

WEEK 5

**Agriculture**  
*Ag*  
*Software*

WEEK 6

**Building Science**  
*Systems/Inspection*  
*Software*



# Licensed Unmanned Vehicle Pilot U.S. Department of Labor Registered Apprenticeship

# GET IN TOUCH

Email: [admissions@luvcorps.org](mailto:admissions@luvcorps.org)

<https://www.spirit-technologies.com>

P.O. Box 451  
Salado, Tx. 76571