

RedTails TechFORCE Workforce Development



TechFORCE Workforce & Career Training

ENROLLMENT IS NOW OPEN

aSTEAM Village's RedTail Digital Engineering TechFORCE Initiative

- ✓ Focus: Workforce Development & Skilled Trades
- ✓ Goal: Prepare individuals from low to moderate income households for the Digital Economy.
- ✓ Pathways:
 - IT & Computer Science certifications
 - College readiness, workforce development, and entrepreneurship certifications

LEARN MORE

techforce.asteamvillage.org



Kansas City, Missouri residents may qualify for a full scholarship



REDTAILS

DIGITAL ENGINEERING ALLIANCE

TECHFORCE



techforce.asteamvillage.org

PRIVACY FLOWCODE.COM



Owning the Solution | Workforce Development / Skilled Trades Programs

Executive summary

The biggest challenge to achieving success is poverty -- of the general area, as well as the students and families served by aSTEAM Village (aka, aSV). Just as the health of downtown Kansas City (KC) and the KC Kansas/Missouri region are linked, so are the health of the downtown core and its surrounding neighborhoods. Diverse challenges face downtown neighborhoods including: increasing development pressures, affordable housing and displacement concerns, outdated plans, economic distress, issues related to homeless encampments, and inadequate infrastructure. As stated in the AdvanceKC Strategic Plan, "what KC needs to do is connect -- come together in new and meaningful ways across all barriers to grow its economy, stabilize its population base, and raise levels of local wealth". aSV's Workforce Development and Skilled Trades Programs are the perfect tool to help make this happen.

The consequences of the digital divide during the pandemic have been severe. The COVID-19 pandemic has made it necessary for jobs, classrooms, and businesses to switch to virtual/remote, which has highlighted the disparities in internet connectivity and with it, access to digital learning, telehealth, and public and residential broadband service. Although there have been some temporary stop-gap measures enacted to tackle near-term challenges and temporarily expand internet service in some states, addressing these inequities ultimately demands long-term solutions -- to provide more citizens with reliable broadband access in their homes.

The existing digital divide has increased current inequities and punished low-income families during the pandemic. aSTEAM Village programs include community improvement activities in the form of broadband investment that meets the LMI national objective as: an area benefit in which the service area for the investment is primarily residential and the population of the service area is at least 51 percent LMI; and as a jobs benefit in which at least 51 percent of the jobs created or retained by the investment are held by or made available to LMI persons.

aSTEAM Village, a Missouri nonprofit corporation, is a 501(c)(3) non-profit organization whose mission is to inspire students and families to pursue education and career pathways in Science, Technology, Engineering, Arts, and Math (STEAM), through community-based project learning and innovative programs. aSTEAM Village works to engage students, families, and educators in STEAM pathways to facilitate career and education readiness for participation in the economies of today and tomorrow.

Proposed Solution:

Like the Gaia theory, which postulates that Earth is a self-regulating complex system involving the biosphere, atmosphere, hydrospheres, and pedosphere, tightly coupled as an evolving system; Digital Gaia involves incorporating climate, economic development, and infrastructure needs to build a complex system that engages government, education, and industry.

We are in the midst of a once-in-a-generation digital transformation that requires close coordination on the planning, implementation, and technical support needed to ensure investments create long-term benefits nationwide.



aSTEAM Village's Workforce Development and Skilled Trades Programs focus on STEAM education for youth and adults including: IT and Computer Science certification preparation; and certifications for college readiness, workforce development, and entrepreneurship. aSTEAM Village is a partner in the US Department of Housing and Urban Development (HUD) [EnVision Centers](#), which are premised on the notion that financial support alone is insufficient to solve the problem of poverty. Rather, intentional and collective efforts across a diverse set of organizations are needed to implement a holistic approach to foster long-lasting self-sufficiency.

EnVision Centers, like aSTEAM Village, provide communities with a centralized hub for support in the following four pillars: 1) Economic Empowerment, 2) Educational Advancement, 3) Health & Wellness, and 4) Character & Leadership. Access to Workforce Development and Skilled Trades Programs serve to support residents' self-sufficiency in all four pillars, through skill acquisition for STEM career pathways.

a. IT Workforce Development: [aSV Tech Education - aSTEAM Village Inc](#)

1. Course - IC3 GS6 Level 1
2. Course - IC3 GS6 Level 2
3. Course - IC3 GS6 Level 3
4. Course - A+ 1001
5. Course - A+ 1002
6. CompTia A+ Industry Exam Voucher

b. Skilled Trades: [Workforce Skilled Trades - aSTEAM Village Inc](#)

1. Select Pathway (8 Pathways: Solar; Electrical; HVAC; Plumbing; Facilities Management; Multi-Family Maintenance; Appliances; or Commercial HVAC)
2. Skilled Trade Assessments
3. Earn Certificate of Completion and Mastery

1

Recruit & Enroll

Online Learning Strategies

Pass IC3 GS6 Digital Literacy Certification

Earn Laptop

Complete Levels 100, 200, 300 STEM Career Pathways

2

Complete One Skilled Trade Pathway Assessment

Complete One I.T. Pathway Assessment

Choose 2 Pathways Plan A & Plan B

Take Agile Work Profiler

3

Project Management Fundamentals

Complete 8-Week Community Asset Analytics, Engagement, Plan, Design, Build to Develop Workshop

Produce Community Development Capstone Project

Earn Pathway Course and Exam Voucher

4

Complete and Pass Selected Career Pathway Certification Course

Receive Industry Certification Exam Voucher

- Graduate from the Program with the Core Skills Needed for 21st Century Workforce
- IC3 GS6 Digital Literacy Certification
- Awareness of Several STEM Career Pathways
- Skilled Trade or I.T. Certification in chosen Pathway
- New Computer with Office 365



RedTails TechFORCE Course Timeline

March 10, 2025 - (Onboarding)

- Full Employment Council Cohort I
 - 6:00 pm CST
 - Introduction to Program
 - Digital Transformation Preface
 - Survey

March 17, 2025 - (Onboarding)

- Full Employment Council Cohort I
 - No Session
- SeedAfrique Ghana Cohort I
 - 2:00 pm CST
 - Introduction to Program
 - Digital Transformation Preface
 - **Due March 24, 2025:** Digital Transformation Survey

March 24, 2025 - (Week 1)

- Full Employment Council Cohort I
 - 6:00 pm CST
 - The Bootcamp Pathway to Success
 - Time Management and Pacing
 - Live your daily life, set aside time each day to become a master of the digital space as well.
 - Digital Literacy Certification Strategies for Success
 - Digital Community Asset Tool Introduction
 - 8 points of Cube Data Set Models
 - Virtual Community Action Planning
 - Tools
 - Capstone Projects with SeedAfrique Ghana Cohort I
 - **Due March 31, 2025:** Agile Work Profiler
- SeedAfrique Ghana Cohort I
 - 2:00 pm CST
 - The RedTails TechFORCE Bootcamp Pathway to Success
 - Time Management and Pacing
 - Live your daily life, set aside time each day to become a master of the digital space as well.
 - Digital Literacy Certification Strategies for Success
 - Digital Community Asset Tool Introduction
 - 8 points of Cube Data Set Models
 - Virtual Community Action Planning
 - Tools
 - Capstone Projects with aSTEAM Village Cohort I
 - **Due March 31, 2025:** Agile Work Profiler

March 31, 2025 - (Week 2)

- Full Employment Council Cohort I
 - 6:00 pm CST

4741 Central St., Ste. 504, Kansas City, MO 64108

- Digital Community Asset Tool (dCAT)
 - Types of Data
 - GIS Geospatial Tools
- Work Agile Profiler Review
 - **Due April 7, 2025:** STEM Career Workforce Exploration Level 100
- **SeedAfrique Ghana Cohort I**
 - 2:00 pm CST
 - Digital Community Asset Tool (dCAT)
 - Supply Chain and Value Chain
 - The Cube: You are the Advanced Manufacturing Facility; Let's Activate!
 - Platform - People
 - Infrastructure - People
 - Work Agile Profiler Review
 - **Due April 7, 2025:** STEM Career Workforce Exploration Level 100

April 7, 2025 - (Week 3)

- **Full Employment Council Cohort I**
 - 6:00 pm CST
 - Supply Chain and Value Chain
 - The Cube: You are the Advanced Manufacturing Facility; Let's Activate!
 - Platform - People
 - Infrastructure - People
 - **Due April 14, 2025:** STEM Career Workforce Exploration Level 200
- **SeedAfrique Ghana Cohort I**
 - 2:00 pm CST
 - Supply Chain and Value Chain
 - The Cube: You are the Advanced Manufacturing Facility; Let's Activate!
 - Platform - People
 - Infrastructure - People
 - **Due April 14, 2025:** Successful completion of IC3 GS6 Levels I, II, & III
 - **Due April 14, 2025:** STEM Career Workforce Exploration Level 200

April 14, 2025 - (Week 4)

- **Full Employment Council Cohort I**
 - 6:00 pm CST
 - IC3 GS6 Certification Graduation
 - Choose IT Pathway
 - Complete IT Pathway Choice Assessment or Equivalent
 - Choose Skilled Trades Pathway
 - Complete Skill Trades Pathway Choice Assessment or Equivalent
 - The Cube: You are the Advanced Manufacturing Facility; Let's Activate!
 - Platform - People
 - Infrastructure - People
 - **Due April 21, 2025:** STEM Career Workforce Exploration Level 300
 - Capstone Projects with SeedAfrique Ghana Cohort I
 - Cohort Saturday Meetup – Session I: Saturday, April 26, 2025
- **SeedAfrique Ghana Cohort I**
 - 2:00 pm CST
 - IC3 GS6 Certification Graduation
 - Choose IT Pathway

4741 Central St., Ste. 504, Kansas City, MO 64108

- Complete IT Pathway Choice Assessment or Equivalent
- Choose Skilled Trades Pathway
 - Complete Skill Trades Pathway Choice Assessment or Equivalent
- The Cube: You are the Advanced Manufacturing Facility; Let's Activate!
 - Platform - People
 - Infrastructure - People
- **Due April 21, 2025:** STEM Career Workforce Exploration Level 300
- Capstone Projects with SeedAfrique Ghana Cohort I
 - Cohort Saturday Meetup – Session I: Saturday, April 26, 2025

April 21, 2025 - (Week 5)

- **Full Employment Council Cohort I**
 - 6:00 pm CST
 - Laptop Pick-Up for IC3 GS6 Graduates
 - Microsoft Office, Essential App Installation and Cybersecure Laptop Setup
 - Secure Communications and Learning Lab SetUp
 - **Due May 5, 2025:** Project Management Fundamentals (9 Lessons; 4 hours)
- **SeedAfrique Ghana Cohort I**
 - 2:00 pm CST
 - Microsoft Office, Essential App Installation and Cybersecure Laptop Setup
 - Secure Communications and Learning Lab SetUp
 - **Due May 5, 2025:** Project Management Fundamentals (9 Lessons; 4 hours)

April 26, 2025 - (SeedAfrique & aSTEAM Village RedTails TechFORCE Capstone Session I)

- **Full Employment Council Cohort I & SeedAfrique Ghana Cohort I**
 - 9:00am CST
 - Introduction & Purpose
 - Set Objectives for next Capstone Meetup on Saturday, May 24, 2025 at 9:00am CST
 - Establish Communications between Cohort groups and Learning Exchange
 - **Due May 5, 2025:** Project Management Fundamentals (9 Lessons; 4 hours)

May 5, 2025 - (Week 6)

- **Full Employment Council Cohort I**
 - 6:00 pm CST
 - Digital Community Asset Tool Workforce Training for the Digital Economy
 - The Cube - Land
- **SeedAfrique Ghana Cohort I**
 - 2:00 pm CST
 - Digital Community Asset Tool Workforce Training for the Digital Economy
 - The Cube - Land

May 12, 2025 - (Week 7)

- **Full Employment Council Cohort I**
 - 6:00 pm CST
 - Digital Community Asset Tool Workforce Training for the Digital Economy
 - The Cube - Infrastructure
- **SeedAfrique Ghana Cohort I**

4741 Central St., Ste. 504, Kansas City, MO 64108

- 2:00 pm CST
 - Digital Community Asset Tool Workforce Training for the Digital Economy
 - The Cube - Infrastructure

May 19, 2025 - (Week 8)

- **Full Employment Council Cohort I**
 - 6:00 pm CST
 - Digital Community Asset Tool Workforce Training for the Digital Economy
 - The Cube - Systems

- **SeedAfrique Ghana Cohort I**
 - 2:00 pm CST
 - Digital Community Asset Tool Workforce Training for the Digital Economy
 - The Cube - Systems

May 24, 2025 - (SeedAfrique & aSTEAM Village RedTails TechFORCE Capstone Session II)

- **Full Employment Council Cohort I & SeedAfrique Ghana Cohort I**
 - 9:00am CST
 - Set Objectives for next Capstone Meetup on Saturday, June 21, 2025 at 9:00am CST
 - Establish 4 Capstone Projects between both Cohorts

June 9, 2025 - (Week 7)

- **Full Employment Council Cohort I**
 - 6:00 pm CST
 - Digital Community Asset Tool Workforce Training for the Digital Economy
 - The Cube - Nature

- **SeedAfrique Ghana Cohort I**
 - 2:00 pm CST
 - Digital Community Asset Tool Workforce Training for the Digital Economy
 - The Cube - Nature

June 16, 2025 - (Week 8)

- **Full Employment Council Cohort I**
 - 6:00 pm CST
 - Digital Community Asset Tool Workforce Training for the Digital Economy
 - The Cube – Cultural Topology

- **SeedAfrique Ghana Cohort I**
 - 2:00 pm CST
 - Digital Community Asset Tool Workforce Training for the Digital Economy
 - The Cube – Cultural Topology

June 21, 2025 - (SeedAfrique & aSTEAM Village RedTails TechFORCE Capstone Session III)

- **Full Employment Council Cohort I & SeedAfrique Ghana Cohort I**
 - 9:00am CST
 - Capstone Project Development between both Cohorts

June 16, 2025 - (Week 9)

- **Full Employment Council Cohort I**
 - 6:00 pm CST
 - Digital Community Asset Tool Workforce Training for the Digital Economy
 - The Cube – Cultural Activities

- **SeedAfrique Ghana Cohort I**
 - 2:00 pm CST
 - Digital Community Asset Tool Workforce Training for the Digital Economy
 - The Cube – Cultural Activities

4741 Central St., Ste. 504, Kansas City, MO 64108

June 23, 2025 - (Week 10)

- **Full Employment Council Cohort I**
 - 6:00 pm CST
 - Digital Community Asset Tool Workforce Training for the Digital Economy
 - The Cube - Projects
- **SeedAfrique Ghana Cohort I**
 - 2:00 pm CST
 - Digital Community Asset Tool Workforce Training for the Digital Economy
 - The Cube - Projects

June 30, 2025 - (Week 11)

- **Full Employment Council Cohort I**
 - 6:00 pm CST
 - Digital Community Asset Tool Workforce Training for the Digital Economy
 - Building Information Modeling & Project Planning
- **SeedAfrique Ghana Cohort I**
 - 2:00 pm CST
 - Digital Community Asset Tool Workforce Training for the Digital Economy
 - Building Information Modeling & Project Planning

July 7, 2025 - (Week 12)

- **Full Employment Council Cohort I**
 - 6:00 pm CST
 - Digital Community Asset Tool Workforce Training for the Digital Economy
 - Building Information Modeling & Project Planning
- **SeedAfrique Ghana Cohort I**
 - 2:00 pm CST
 - Digital Community Asset Tool Workforce Training for the Digital Economy
 - Building Information Modeling & Project Planning

July 14, 2025 - (Week 13)

- **Full Employment Council Cohort I**
 - 6:00 pm CST
 - Digital Community Asset Tool Workforce Training for the Digital Economy
 - Community Broadband Networks
- **SeedAfrique Ghana Cohort I**
 - 2:00 pm CST
 - Digital Community Asset Tool Workforce Training for the Digital Economy
 - Community Broadband Networks

July 19, 2025 - (SeedAfrique & aSTEAM Village RedTails TechFORCE Capstone Session IV)

- **Full Employment Council Cohort I & SeedAfrique Ghana Cohort I**
 - 9:00am CST
 - Capstone Project Development between both Cohorts

July 21, 2025 - (Week 14)

- **Full Employment Council Cohort I**
 - 6:00 pm CST
 - Digital Community Asset Tool Workforce Training for the Digital Economy
 - Community Broadband Network Communications & Security
- **SeedAfrique Ghana Cohort I**
 - 2:00 pm CST
 - Digital Community Asset Tool Workforce Training for the Digital Economy

4741 Central St., Ste. 504, Kansas City, MO 64108

- Community Broadband Network Communications & Security

July 28, 2025 - (Week 15)

- **Full Employment Council Cohort I**
 - 6:00 pm CST
 - Digital Community Asset Tool Workforce Training for the Digital Economy
 - Community Television & Video
- **SeedAfrique Ghana Cohort I**
 - 2:00 pm CST
 - Digital Community Asset Tool Workforce Training for the Digital Economy
 - Community Television & Video

August 4, 2025 - (Week 16)

- **Full Employment Council Cohort I**
 - 6:00 pm CST
 - Digital Community Asset Tool Workforce Training for the Digital Economy
 - Community Alternative Energy
- **SeedAfrique Ghana Cohort I**
 - 2:00 pm CST
 - Digital Community Asset Tool Workforce Training for the Digital Economy
 - Community Alternative Energy

August 11, 2025 - (Week 17)

- **Full Employment Council Cohort I**
 - 6:00 pm CST
 - Digital Community Asset Tool Workforce Training for the Digital Economy
 - Community Transportation
- **SeedAfrique Ghana Cohort I**
 - 2:00 pm CST
 - Digital Community Asset Tool Workforce Training for the Digital Economy
 - Community Transportation

August 16, 2025 - (SeedAfrique & aSTEAM Village RedTails TechFORCE Capstone Session V)

- **Full Employment Council Cohort I & SeedAfrique Ghana Cohort I**
 - 9:00am CST
 - Capstone Showcase

August 18, 2025 - (Week 18)

- **Full Employment Council Cohort I**
 - 6:00 pm CST
 - Wrap Up Cohort I
 - What's Next
 - Exit Survey
- **SeedAfrique Ghana Cohort I**
 - 2:00 pm CST
 - Wrap Up Cohort I
 - What's Next
 - Exit Survey

4741 Central St., Ste. 504, Kansas City, MO 64108

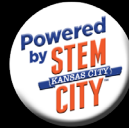
Consumer or Producer?

The Choice is Yours to Make!

Will You Dare to Be Different? | Will You Dare to Be Great?



CTE Learning Community Projects Learn & Earn Model STEM Education Workforce Development



Career Technical Education (CTE) – Alignment- Watts Rising Project





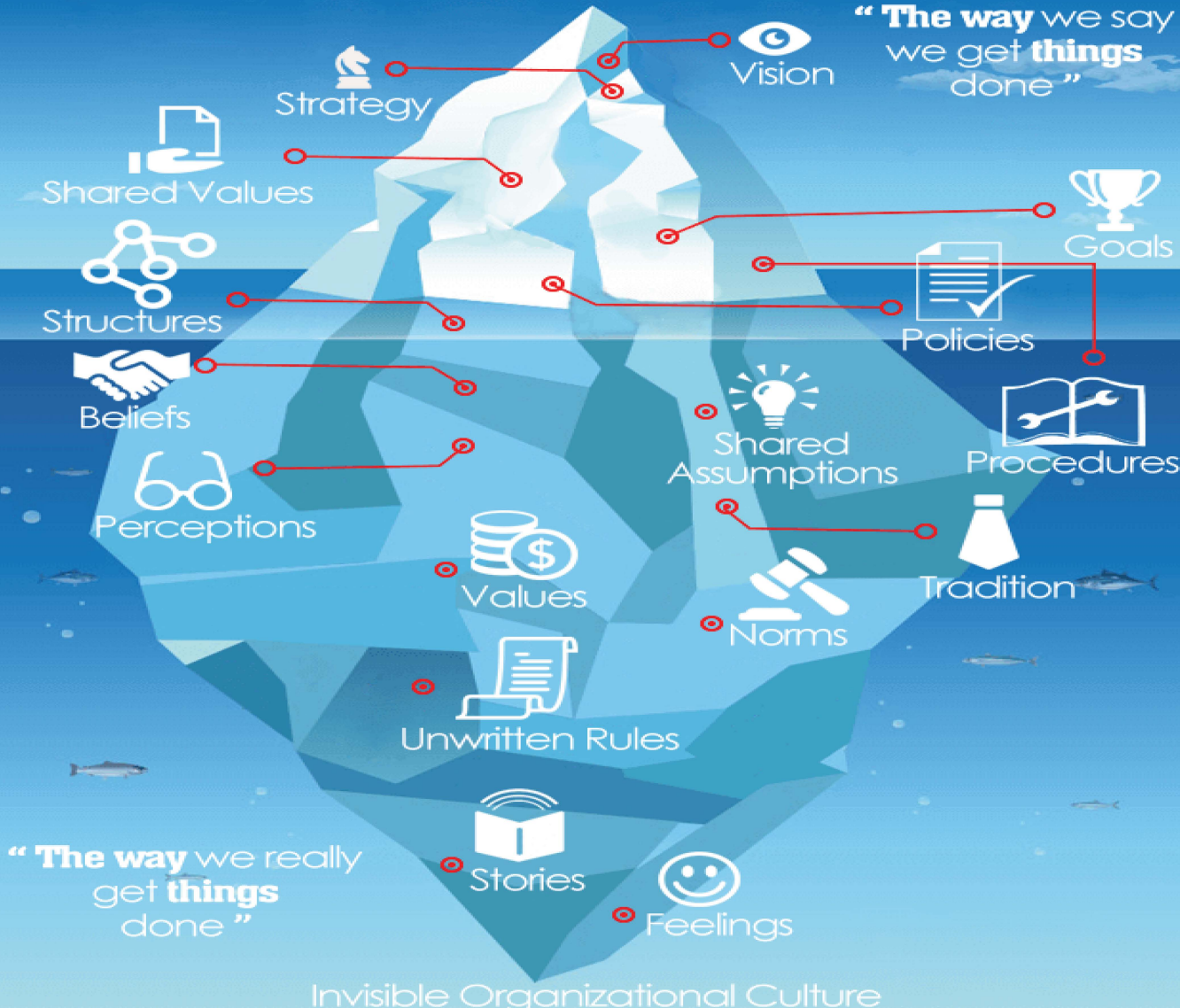
- **Since 2011, aSTEAM Village has provided year-round K-12 STEM Education Programming**
- **2,235 students served by aSTEAM Village since 2011**
- **Former students and parents now employed in I.T., Electric Vehicle, Alternative Energy, and leadership roles in Armed Forces.**
- **1,564 of those students have gone on to either attend or graduate from college**
- **223 students have gone on to serve in our Armed Forces**
- **aSTEAM Village has fielded 28 Championship Robotics and Race Engineering Teams**
- **aSTEAM Village students have sent 5 experiments to the International Space Station**
- **2014 National Society of Black Engineers Pre-College Initiative Region V Chapter of the Year**
- **2019 National Society of Black Engineers Pre-College Initiative National Chapter of the Year**
- **2023 State of Missouri Dr. Martin Luther King Jr. Statewide Celebration Community Service Awardee**
- **2023 Broadband Communities Cornerstone Award Winner**
- **2023 Johnson County NAACP Awardee**

THE ICEBERG

that sinks organizational change

Visible Organizational Culture

“The way we say we get things done”



“The way we really get things done”

Invisible Organizational Culture

There are 8 points on the CUBE

Each Point is a Data Set. Data Sets produce Data Models.

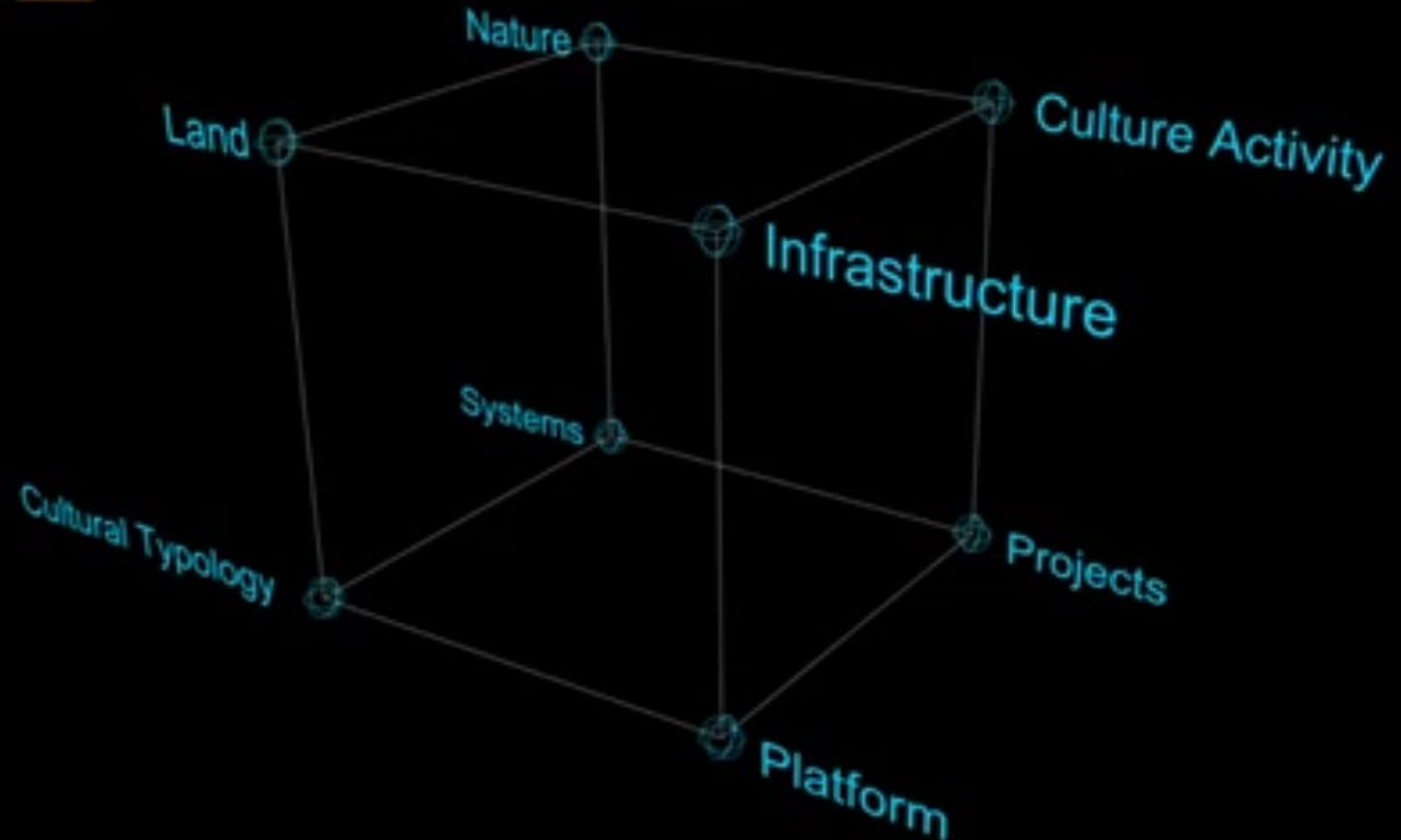


Platform as Interdependence Model

Platform as "Place of Cultural Value Proposition"

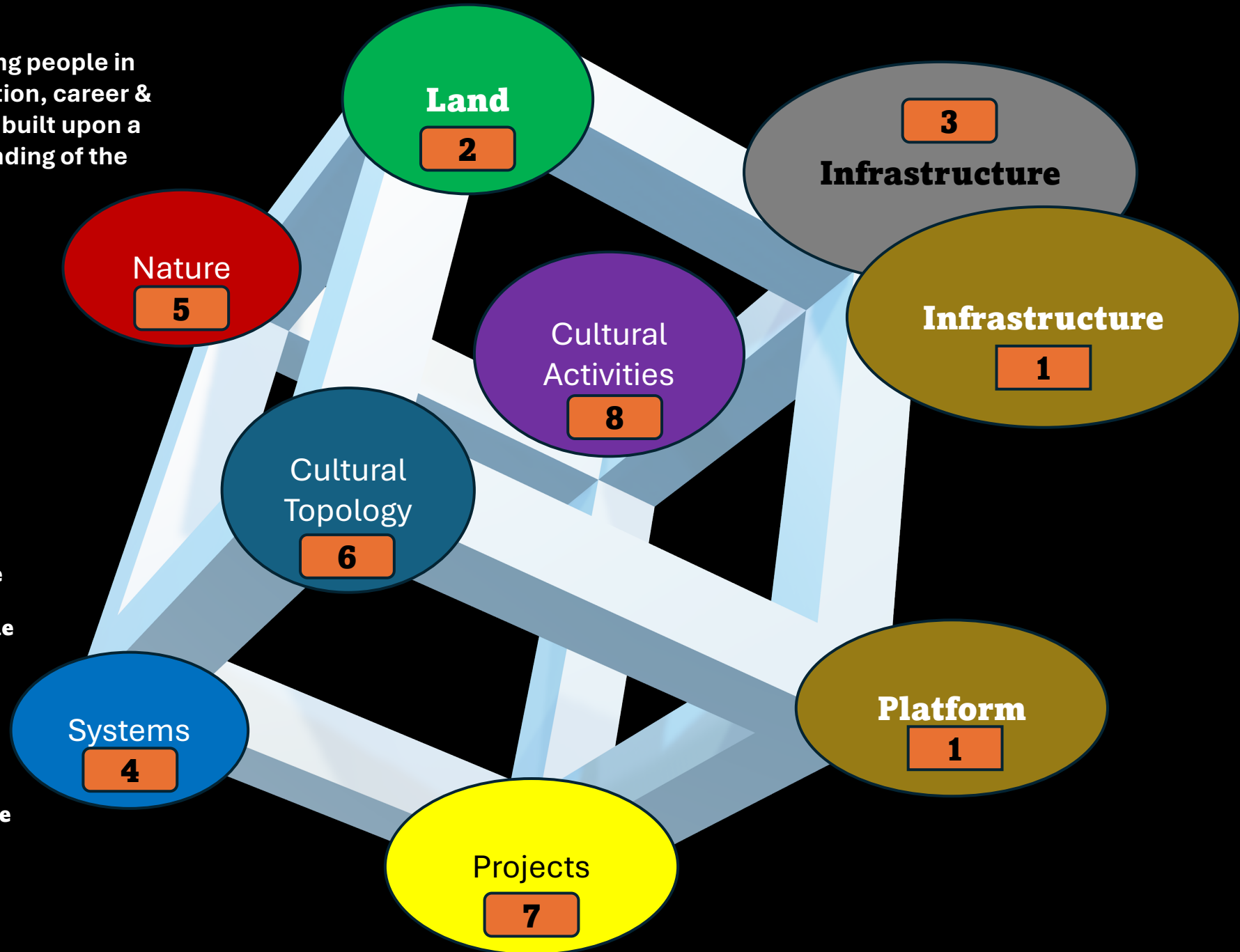
Data Models are Systems.

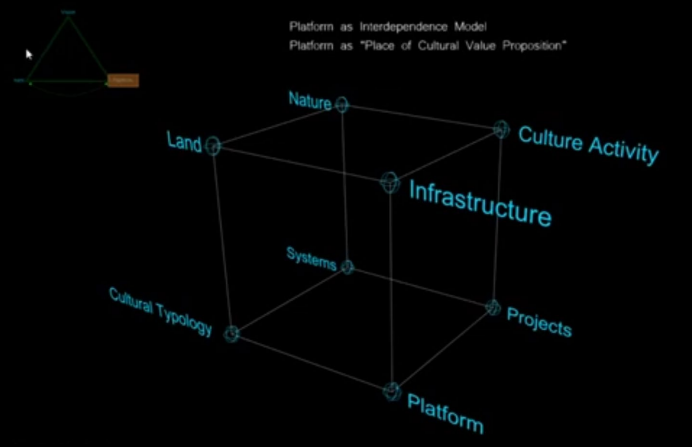
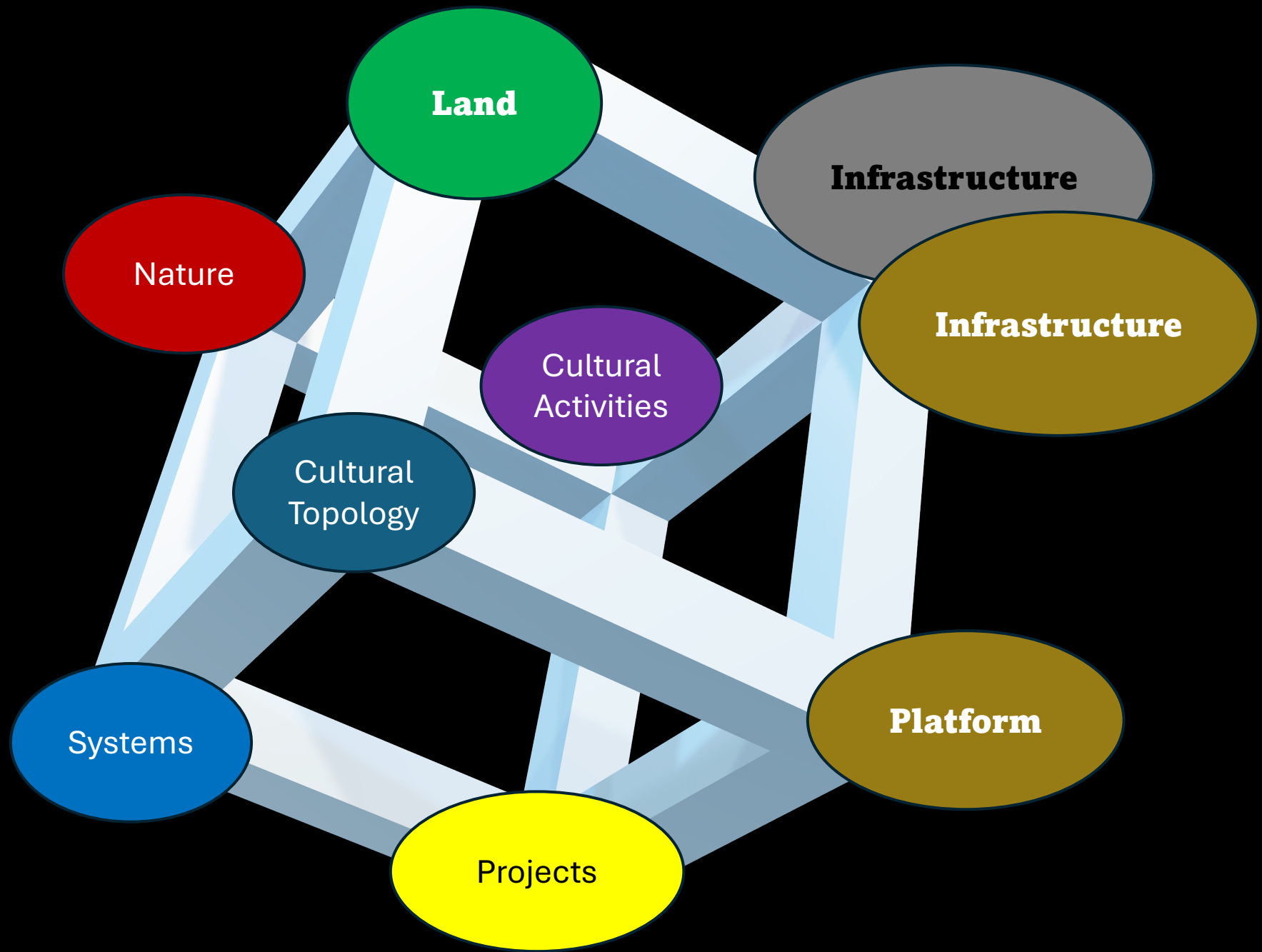
- **Platform**
- **Infrastructure**
- **Land**
- **Systems**
- **Infrastructure**
- **Nature**
- **Cultural Topology**
- **Cultural Activity**
- **Projects**



Redefine affordable housing to mean putting people in a position to afford housing through education, career & workforce development, entrepreneurship built upon a foundation of digital literacy and understanding of the economic landscape of a digital economy.

- **The Mind is an Advanced Manufacturing Facility**
- **People are the Platform**
- **People are the Infrastructure**
- **Nature is the Ultimate System**
- **Understanding the land is wisdom about the local environment**
- **Systems enable you to Apply Tools and Measuring Instruments**
- **Cultural Topology is the Visualization of the Utilization of the Local Resources**
- **Visualizations become simulations of the physical environment while simultaneously being currency with value to be shared to other CommUNITY networks.**
- **CommUNITY's Cultural Topology and Visualization of the local assets, all of which are digitized, produce Projects**
- **The cumulative projects become CommUNITY Developments by the People of the CommUNITY.**





New Purpose! One Network! One Mission!

**Improved Quality of Life for the Families and Businesses of the Community
Driven by a Community-Owned Broadband Network!**

Economic Empowerment of the Community by Becoming Their Own Community Broadband Provider!



WATTS RISING

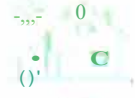
A COLLABORATIVE OF ORGANIZATIONS AND WATTS RESIDENTS WORKING TOGETHER TO



IMPROVE THE ENVIRONMENT



PROMOTE ECONOMIC DEVELOPMENT



AVOID DISPLACEMENT



COMMUNITY ENGAGEMENT



IMPROVE PUBLIC HEALTH



ENGAGE COMMUNITY



MAKE DATA-INFORMED DECISIONS

THROUGH 24 COMMUNITY-IDENTIFIED INFRASTRUCTURE PROJECTS

Building upon decades of community leadership, academic research, community surveys and planning documents about Watts, Wam residents defined and prioritized a suite of projects as well as community engagement, workforce development and displacement avoidance strategies.

With continued, vibrant community input, leadership and participation the Watts Rising Collaborative will implement 24 infrastructure projects by April 2022 that will expand urban agriculture and access to healthy organic produce, provide more affordable and sustainable housing, increase low- and no- carbon transportation options, increase community green space, expand our tree canopy, and make our streets safer for walking and biking.

Visit our [PROJECTS](#) page for more information on the community-identified infrastructure projects coming to Watts.

24 Community-Identified Infrastructure Projects will:



EXPAND URBAN AGRICULTURE AND ACCESS TO HEALTHY, ORGANIC PRODUCE



PROVIDE MORE AFFORDABLE AND SUSTAINABLE HOUSING



INCREASE LOW- AND NO-CARBON TRANSPORTATION



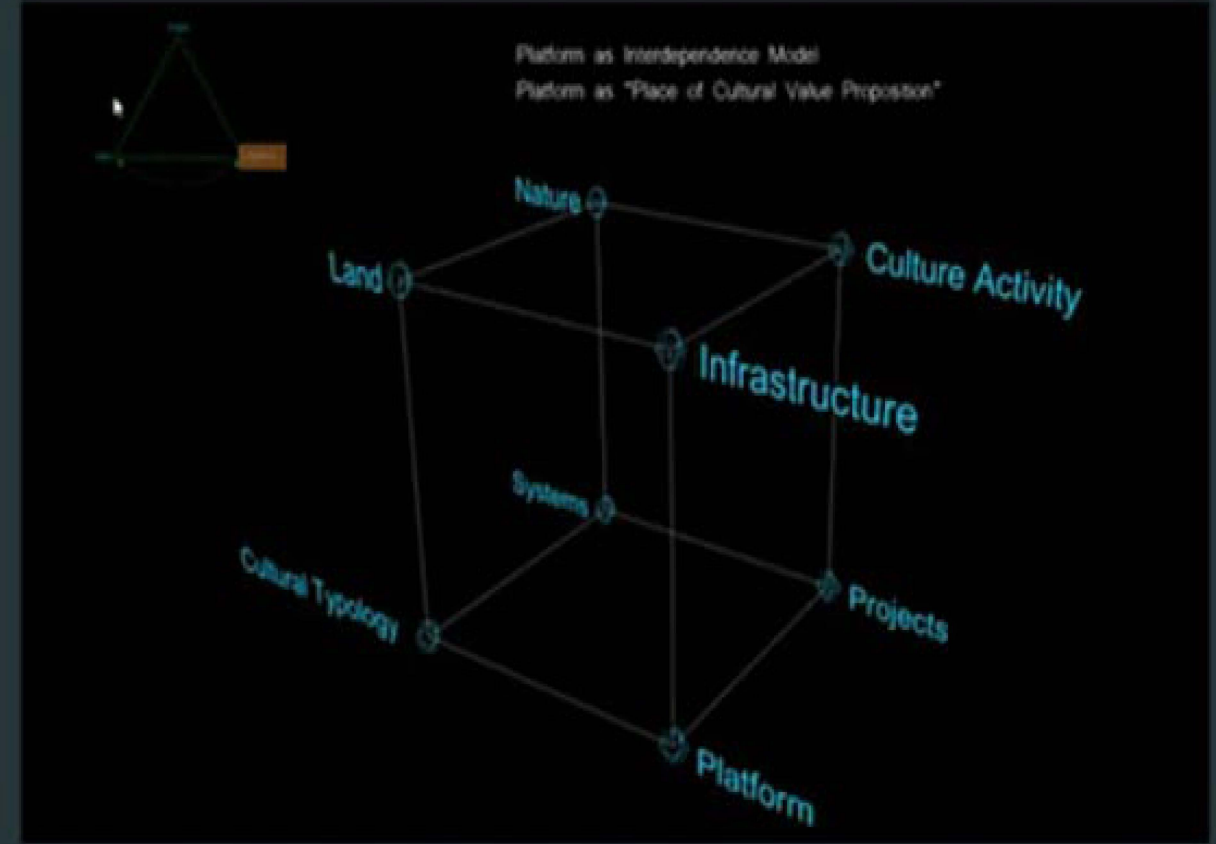
INCREASE COMMUNITY GREEN SPACE AND EXPAND OUR TREE CANOPY



MAKE OUR STREETS SAFER FOR WALKING AND BIKING

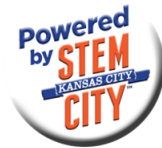
Virtual Community Action Planning VCAP

Career Technical Education (CTE) -Alignment- Watts Rising Project



Administrators, Personnel, Workers, and Students will explore the Engagement Process where Inputs, Outputs, and Outcomes align for Workforce Development and Capstone Projects Paid to Learn Model.

*a*STEAM Village TechFORCE





REDTAILS
DIGITAL ENGINEERING ALLIANCE

TECH FORCE

techforce.seedafrique.org



**SEED
AFRIQUE**

- STRATEGIC ENGINEERING EXPERIENCE DRIVEN AFRIQUE -



REDTAILS

DIGITAL ENGINEERING ALLIANCE

Machines Costing Jobs is a Myth!

“As a society, we need to understand how to re-conceptualize education and provide more flexible and agile workforce training programs that match the skills of the digital economy.

We need to address the mismatch between supply and demand for digital skills.

This means training people not only in technical skills like coding but also in skills that will increasingly be needed in the digital age to compliment the work of machines, creativity, teamwork, and problem solving.” – Thomas Seibel

ENTER PORTAL



RedTail TechFORCE Academy

REDTAILS
DIGITAL ENGINEERING ALLIANCE

STEAM
village

My EnVision App | My Calendar | MoJobs.Gov | STEM City Kansas City | aSTEAM Village Virtual Academy | Technical Support



**Information Technology
Computer Science
Course Access**



**I.T. Skilled Trades
Learning Lab**



**Skilled Trades
Course Access**



STEM City Kansas City



STEAM village | KANSAS CITY

Terms and Conditions | Play | Pause | Stop

LEARN

- Game Design
- 3D Modeling
- Data Analytics
- Help Desk Support
- Audio/Video Engineering
- Building Information Modeling

EARN

- Full Scholarship (**Kansas City, Missouri Residents Only)
- Free Tuition
- New Laptop
- Industry Certifications
- Personal AI powered aVEEE Assistant

CERTIFY

REDTAILS

DIGITAL ENGINEERING ALLIANCE

TECH FORCE



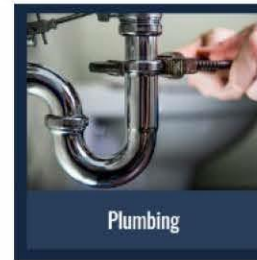
Solar



Electrical



HVAC



Plumbing



Facilities Maintenance



IT Service Management

Information Security



Multi-Family Facility Maintenance



Appliances



Commercial HVAC



Safety



COMING SOON

Residential Construction

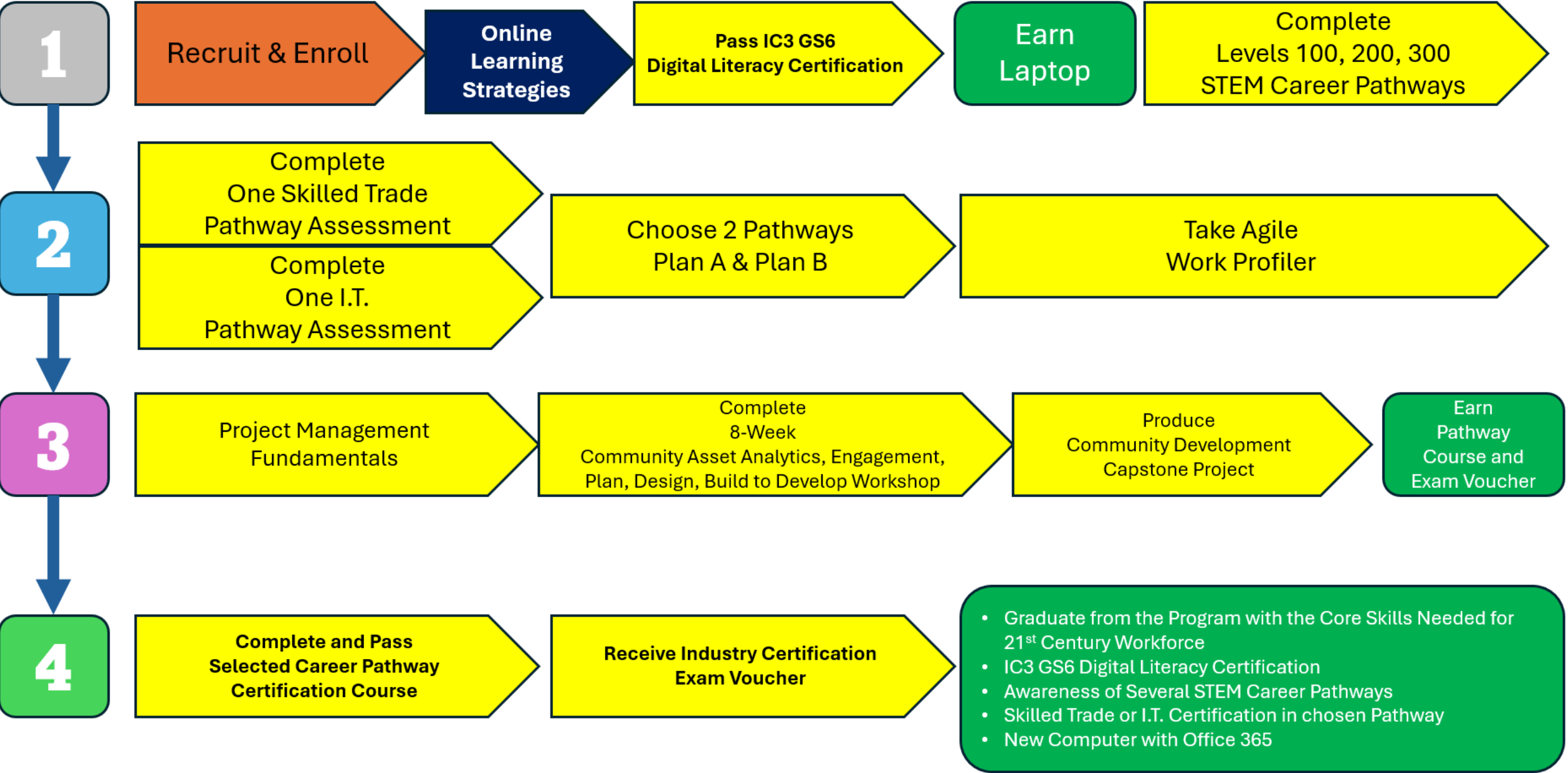


CompTIA A+ certification has helped launch over 1 million IT careers.

Software Development

Network and Cloud





THIS CERTIFIES THAT
Xavier Hasty

HAS SUCCESSFULLY COMPLETED THE FOLLOWING COURSE:
Plumbing Welcome Assessment

COURSE DESCRIPTION:

The Plumbing Welcome Assessment is a multiple choice exam that will test you on all areas of plumbing knowledge. The results of this assessment will show you, in great detail, the areas of plumbing skills in which you are strong and areas in which you need work. Don't worry though, we have great training that will teach you everything you need to know, and covering everything that is included in the Welcome Assessment.

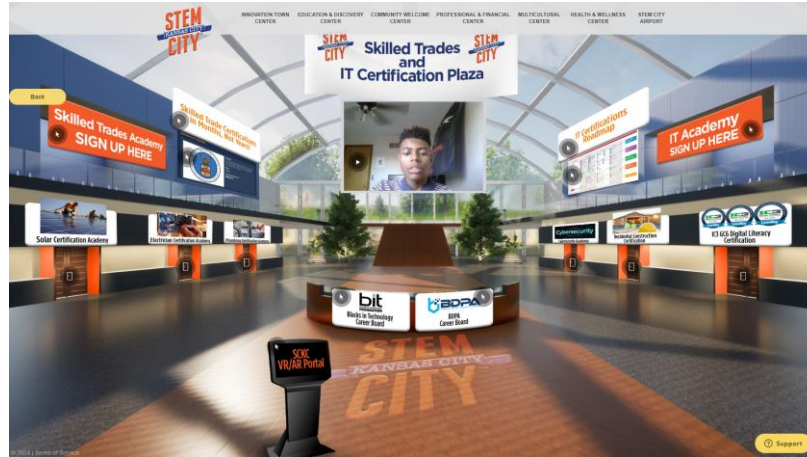


THIS CERTIFIES THAT
Xavier Hasty

HAS SUCCESSFULLY COMPLETED THE FOLLOWING COURSE:
Electrical Welcome Assessment

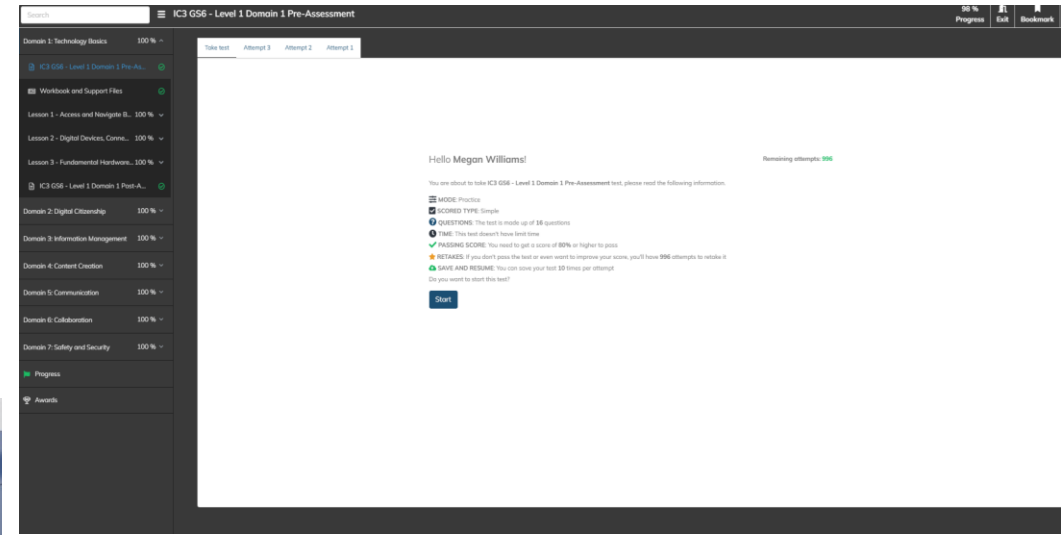
COURSE DESCRIPTION:

The Electrical Welcome Assessment is a multiple choice exam that will test you on all areas of Electrical knowledge. The results of this assessment will show you, in great detail, the areas of Electrical skills in which you are strong, and areas in which you need work. Don't worry, though, we have great training that will teach you everything you need to know, and covering everything that is included in the Electrical Welcome Assessment.



Issued on: February 12, 2022
by: Interplay Learning

Issued on: February 4, 2022
by: Interplay Learning



Skilled Trades & I.T. Certification PRE-ASSESSMENTS





Skilled Trades & I.T. Certifications

Awards

Badges

Dec 28, 2022
Issued On



Workplace Ethics Badge

[\(/Awards/ViewAward/?id=02fb2833-b58e-42f0-b467-97a4050be54\)](#)



Working as a Team Badge

Sep 28, 2022
Issued On



What is Your Attitude? Getting in the Mood to Work Badge

[\(/Awards/ViewAward/?id=f5409fcd-f998-4a0a-a4af-a944c395bd8c\)](#)



IC3 GS6 - Level 3 Badge



IC3 GS6 - Level 2 Badge

aSTEAM Village
TechFORCE



aSTEAM Village
TechFORCE



IC3 GS6 - Level 1 Badge



Excel 2019 (MO-20) in Browser Labs Badge



Entrepreneurship and Small Business (ESB) Badge

Sep 29, 2022
Issued On



Dealing with the Irate Customer Badge

[\(/Awards/ViewAward/?id=0ae6214b-1934-4ba1-aa88-e66f327fb117\)](#)



Cybersecurity Badge



Customer Service Counts Badge

Sep 28, 2022
Issued On

aSTEAM Village TechFORCE



Better Business Communication Badge

(/Awards/ViewAward/?id=f2b996ca-8ab3-4179-ad96-b8d25f73fc08)



Badge Word toets 1



Badge Word 1 toets Topper



Azure Fundamentals (AZ-900) Badge



Azure AI Fundamentals (AI-900) Badge



A+ (220-1002) Series Badge

aSTEAM Village TechFORCE



A+ (220-1001) Series Badge

Certificates

Dec 28, 2022
Issued On



Workplace Ethics Certificate of Completion

(/Awards/ViewAward/?id=aea697e1-607c-4bad-8854-eee1b3e6d08d)

Sep 26, 2022
Issued On



Working as a Team Certificate of Completion

(/Awards/ViewAward/?id=22c0542b-9e1c-400e-8e6e-d36d9d04774)

Sep 28, 2022
Issued On



What is Your Attitude? Getting in the Mood to Work Certificate of Completion

(/Awards/ViewAward/?id=76632946-4cc2-4c17-b66f-506782528fd7)

Aug 17, 2022
Issued On



IC3 GS6 - Level 3 Certificate of Completion

(/Awards/ViewAward/?id=6d7c6604-2890-44fa-8f17-b34673ec0f26)

Aug 16, 2022
Issued On



IC3 GS6 - Level 2 Certificate of Completion

aSTEAM Village TechFORCE



(/Awards/ViewAward/?id=a800882c-04c5-4382-9b05-ed097dc62102)

Sep 28, 2022
Issued On



Better Business Communication Certificate of Completion

(/Awards/ViewAward/?id=4a1adf30-06d8-4d12-9eaa-0ed60a05a662)

Feb 01, 2023
Issued On



Azure Fundamentals (AZ-900) Certificate of Completion

(/Awards/ViewAward/?id=c92443d7-0cc4-4c7d-a7ed-8dd25e28a50c)

Feb 01, 2023
Issued On



Azure AI Fundamentals (AI-900) Certificate of Completion

(/Awards/ViewAward/?id=861ddc89-c38e-4550-b6fb-dd9ec3fc7112)

Jan 20, 2023
Issued On



A+ (220-1002) Series Certificate of Completion

(/Awards/ViewAward/?id=92c599dd-791d-4ad2-8fce-61130edda669)

Dec 27, 2022
Issued On



Customer Service Skills Certificate of Completion

aSTEAM Village TechFORCE



IC3 GS6 - Level 1 Certificate of Completion

(/Awards/ViewAward/?id=3294853a-ed03-47e4-b688-5c941de374cc)

Aug 23, 2022
Issued On



Excel 2019 (MO-200) In Browser Labs Certificate of Completion

(/Awards/ViewAward/?id=48f898d2-7983-469f-8f1a-48e8716dcfb)



Entrepreneurship and Small Business (ESB) Certificate of Completion

Sep 29, 2022
Issued On



Dealing with the Inate Customer Certificate of Completion

(/Awards/ViewAward/?id=3afca91-8626-4e31-bd32-48d206ad4d26)



Cybersecurity Certificate of Completion

Dec 28, 2022
Issued On



Customer Service Skills Certificate of Completion



Skilled Trades & I.T. Certification
Progress Tracking and Reporting

SOLAR COURSES

Reading Schematics and Drawings 0%	Diagnosing Circuits: Simple Lighting & Receptacles 0%	Array Assembly Installation 0%	Solar System Troubleshooting Due 2/24/22 81%	Grounding and Bonding 0%	Intro to Fire Safety and Portable Fire Extinguishers 0%	Personal Protective Equipment (PPE) 0%	Emergency Response 0%	Electrically Safe to Work Procedures Due 9/30/23 0%	How to Use a Multimeter 0%	Electrical Safety Due 9/30/23 0%
Electrical Devices 0%	Introduction to Electrical Circuits 0%	Solar Module Design Completed 2/17/22	NEC: Wiring Methods and Materials 0%	The IV Curve 0%	Solar Cell Technology Completed 2/17/22	Fundamental Electrical Concepts 0%	Hazard Communications Due 9/30/23 0%	Utility Solar Installation: Foundations and Piles 0%	Heat Stress Recognition and Prevention 0%	Lockout/Tagout Awareness 0%
Ampacity and Wire Sizing 0%	Three and Four-Way Wiring and Installation 0%	Electrical Safety - NFPA70-E Due 9/30/23 0%	AC Power 0%	Site Assessment 0%	Back Safety and Injury Prevention Due 9/30/23 0%	Electrical Safety Assessment & Hazard Recognition: Construction Jobsite Due 9/30/23 0%	Lockout/Tagout 0%	Ladder Safety Due 9/30/23 0%	Basics of Electrical Retrofitting Solar Basics 0%	Preventing Slips, Trips, and Falls Due 9/30/23 0%
EMT Conduit Bending 0%	EMT Installation: Boxes and Conduit 0%	Ladder and Fall Safety 0%	Hand and Power Tools for Electrical Work 0%	Mechanical Commissioning 0%	Power Grid Introduction 0%	Solar Electrical Installation 0%	Introduction to Utility Solar 0%	NEC Commissioning: Rough-in Inspection 0%	Solar Basics Completed 2/25/22	Electrical Panels: Components and Safety Due 9/30/23 0%
Electrical Tools 0%	Troubleshooting Basic Circuits 0%	Building DC Circuits 0%	Trades Math 0%	Foundations of PV 0%	Math for Electricians 0%	Electrical Installation 0%	Solar Welcome Assessment 0%	Electric Motors 0%	Wire Types and Sizes 0%	Introduction to the NEC: Wiring and Protection 0%
Electrical Safety Assessment & Hazard Recognition: Commercial Jobsite Due 9/30/23 0%	Power Distribution, Delta, and Wye Systems 0%	Solar Inverter Technology Completed 2/25/22	Electrical Commissioning 0%	Intro to Electrical Code 0%	<h1>Skilled Trades Solar</h1> 					

ELECTRICAL COURSES

OSHA 30-Hour Construction Industry (Spanish) 0%	Basic Construction for Trades 0%	Reading Schematics and Drawings 0%	Diagnosing Circuits: Simple Lighting & Receptacles 0%	Grounding and Bonding 0%	NEC Code Changes - 2023 0%	Becoming an Electrician 0%	Electrically Safe to Work Procedures Due 9/30/23 0%	How to Use a Multimeter 0%	Electrical Safety Due 9/30/23 0%	Electrical Devices 0%
Introduction to Electrical Circuits 0%	NEC: Wiring Methods and Materials 0%	OSHA 30-Hour Construction Industry (English) 0%	Fundamental Electrical Concepts 0%	Lockout Tagout Program 0%	Practical Measurement for the Trades 0%	Ampacity and Wire Sizing 0%	Three and Four-Way Wiring and Installation 0%	Electrical Safety - NFPA70-E Due 9/30/23 0%	AC Power 0%	Electrical Safety Assessment & Hazard Recognition: Construction Jobsite Due 9/30/23 0%
Fire Alarm System Installation 0%	Lockout/Tagout 0%	Basics of Electrical Retrofitting 0%	EMT Conduit Bending 0%	Commercial Electrical Transformer Installation 0%	Electrical Welcome Assessment Completed 2/4/22	Commercial Wiring Troubleshooting 0%	Electrical Transformer Load Calculations 0%	EMT Installation: Boxes and Conduit 0%	Introduction to Commercial Lighting & Devices 0%	OSHA 10-Hour Construction Industry (English) Due 9/30/23 0%
Introduction to Fire Alarm Systems 0%	Ladder and Fall Safety 0%	OSHA 10-Hour Construction Industry (Spanish) 0%	Hand and Power Tools for Electrical Work 0%	Power Grid Introduction 0%	Residential Generator Installation 0%	Light Commercial Electrical: Apartment Facilities Maintenance 0%	NEC Commissioning: Rough-in Inspection 0%	Solar Basics Completed 2/25/22	Electrical Panels: Components and Safety Due 9/30/23 0%	Electrical Tools 0%
Troubleshooting Basic Circuits 0%	Building DC Circuits 0%	Trades Math 0%	Repairing Drywall 0%	Diagnosing Circuits: 3-Way Lighting 0%	Foundations of PV 0%	AC Motor Lab 0%	Math for Electricians 0%	Building DC Combination Circuits 0%	Electrical Installation 0%	Electric Motors 0%
Wire Types and Sizes 0%	Introduction to the NEC: Wiring and Protection 0%	Electrical Safety Assessment & Hazard Recognition: Commercial Jobsite Due 9/30/23 0%	Power Distribution, Delta, and Wye Systems 0%	Intro to Electrical Code 0%	Introduction to Commercial Transformers 0%	Light Commercial Electrical: Apartment Facilities Maintenance... Assessment 0%	<p>Skilled Trades Electrical</p> 			

