

HYDROGEN POWER FROM WATER



- 100% Online, Self-directed
- High demand for certified professionals
- 4 Quizzes
- Interactive and Gamified Elements to Test Comprehension

Instructor: Joseph Gallegos

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Certificate of Completion from



OVERVIEW: Hydrogen Power from Water

In this course, you will learn about hydrogen power, what it's used for, its social and economic benefits, and how to generate hydrogen power from water for a variety of applications and engine types. By successfully completing this course, you will be ready to build and install a hydrogen generation system for personal and commercial use or emergency response.





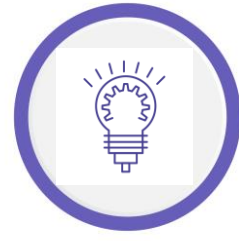
HIGH DEMAND

Studies show that the hydrogen generation market, which was valued at \$160 billion in 2022, is projected to reach \$263.5 billion by 2027, and continue to rise over the decade.



HUGE SUPPLY GAP

Demand for professionals to install hydrogen generation systems in the US is steadily growing, creating more jobs.



BRIGHT FUTURE

Approximately 10 million metric tons (MMT) of hydrogen is currently produced in the US each year, creating a demand for skilled professionals to install and maintain hydrogen generation systems.

BENEFITS OF THIS PROGRAM

- ✓ This course offers a deep dive into the science, technology, and practical applications of hydrogen production, storage, and utilization.
- ✓ You will gain hands-on experience in designing and installing hydrogen generation systems, equipping you with the skills to drive the renewable energy revolution forward.

WHO IS THIS PROGRAM FOR?

- ✓ If you are an individual seeking employment or to enhance your knowledge, this is a great opportunity for you to learn about generating hydrogen power from water and build a rewarding, future-proof, and meaningful career.
- ✓ Regardless of your background, this online certification course in Hydrogen Power from Water gives you introductory knowledge in the area of hydrogen generation system.

HOW WILL YOU LEARN?



- ✓ Study at a time and speed that suits you best.
- ✓ Utilize a desktop, laptop, or mobile device to access online learning.
- ✓ If internet access is unavailable, utilize the iZen-LEAP® box for course access on your computer or mobile device.
- ✓ If you lack access to a computer or mobile device, connect the iZen-LEAP® box to a TV or monitor and start learning.

PREREQUISITES & COMPLEMENTARY COURSES:

- ✓ No prerequisites are required for taking this course.

WHAT WILL YOU LEARN?

MODULE - 1: Introduction to Hydrogen Power & Use

- ✓ Course Outline & Objectives
- ✓ Introduction to Hydrogen Power & Use

MODULE - 2: Social & Economic Benefits

- ✓ Social & Economic Benefits

MODULE - 3: Hydrogen Generation Equipment

- ✓ Technological Components
- ✓ DIY Kits for Emergency Response
- ✓ Commercial Kits

MODULE - 4: Business Model

- ✓ Business Model



WHO WILL YOU LEARN FROM?

PROGRAM FACULTY



This course is taught by Joseph Gallegos, Founder and CEO of UmidaAG, an innovative groundwater management company based out of California. His mission is to develop creative water security and management solutions for the agricultural sector and ultimately, the entire population who relies on it.

More from this instructor: **Urine Derived Fertilizer** and **Greywater Systems Installation**

- Joseph Gallegos LinkedIn profile:
<https://www.linkedin.com/in/joseph-gallegos-6b767a10a>
- UmidaAG company website:
<https://umidaag.com/>

WHAT IS THE DURATION OF THE PROGRAM?

- ✓ 1 to 2 hours.
- ✓ Rolling enrolment allows you to start any time.
- ✓ The course duration can be aligned to your schedule and requirements.

ABOUT iZen



iZen is a Talent Empowerment company, offering end-to-end solutions for skill development and employability, leveraging the power of AI and other digital technologies. The company was founded in Silicon Valley, California with a global vision to incubate innovation and to provide a platform that gives access to knowledge, skills, and advisory to empower the next generation workforce and students. iZen brings you internationally recognized standard programs, to set you apart and to future-proof your career.

Besides teaching technical skills, iZen also offers courses on “soft skills” that can help you succeed in the workplace. To learn more about how you can support the principles of diversity, equity, and inclusion wherever you work, we encourage you to check out **Introduction to Diversity, Equity & Inclusion**.



HOW DO I ENROLL IN THE COURSE?

<https://academy.iZen.ai>
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