## EXAMPLE CURRICULUM AND PROPOSED CURRICULUM

Sample Curriculum
The sample curriculum is intended to provide an example of how this template should be utilized.

|  |
| --- |
| **Objectives**  |
| 1. Prepare students to successfully enter a clean-energy focused U.S. DOL-registered apprenticeship program of their choice 2. Provide students with industry-recognized credentials 3. Introduce students to clean energy jobs and clean energy job training basics  |
| **Instructional Hours**(Between 150-300 hrs)  | 185  | **Delivery Format**  | Face-to-face, online (synchronous), hands-on laboratory, work-based learning/worksite  |
| **Logistics**  |
| Option 1: attend three days a week, 4 hours per day, 12 hours per week for 14 weeks  Option 2: attend four days a week, 4 hours per day, 16 hours a week for 10.5 weeks  |
| **Prerequisites**  |
| HS/GED, interest in construction trades up to becoming a journeyman, plus registered apprenticeship program entrance requirements.  |
| **Industry Recognized Certifications/Credentials**  |
| NABTU or NCCER Core Curriculum Certification  OSHA 10-Hour Construction Certification First Aid/CPR Certification  |
| **Module Name**  | **Number of Hours**  |
| Introduction to Construction and Its Trades  | 4  |
| Introduction to Clean Energy Jobs with topics such as building energy basics and electrical basics in clean energy systems | 16 |
| Basic Safety/OSHA-10 Hour Certification  | 13   |
| Introduction to Construction Math  | 32   |
| First Aid/CPR   | 6   |
| Introduction to Hand Tools and Demo/Practicum  | 12  |
| Introduction to Power Tools and Demo/Practicum  | 12  |
| Introduction to Construction Drawings  | 12  |
| Introduction to Basic Rigging  | 10  |
| Basic Communication Skills  | 8  |
| Basis Employability Skills-Part 1  | 8  |
| Introduction to Materials Handling  | 8   |
| Basic Employability Skills-Part 2 (Problem-solving, decision making, customer service, working in teams, relating to supervisor, professionalism, personal finances)  | 24   |
| Test Taking Skills  | 4   |
| Work-based Learning/Worksite  | 16   |
| **Total Hours**  | 185  |

## Curriculum Template

Please complete the curriculum template following the instructions below. A curriculum contains the overall content relevant to a training program. Delivery of a Climate Works approved curricula provides between 150 – 300 hours (special permission is required to exceed 300 hours) of instruction, with a strong emphasis on hands-on practice in a construction laboratory and at job sites, that leads to obtaining relevant certifications for the construction industry related to clean energy job opportunities.

Instructional hours may include:

* Climate Works Program orientation (required)
* Introduction to construction and the trades (required)
* Supplemental shop math instruction (not required, but highly recommended)
* Construction certifications (required)
* NABTU, NCCER or other Illinois Climate Works approved curricula
* OSHA 10-hour
* First Aid/CPR
* Other nationally recognized certifications related to clean energy (optional)
* Clean energy basics (required)
* Soft skills based on Illinois Essential Employability Skills Framework (required)
* 32 hours recommended with a maximum of 40 instructional hours without approval from the Department prior to award offer.
* Test taking skills (required)
* Work-based/job site learning (10 hours required)

|  |
| --- |
| **Objectives**  |
|    |
| **Instructional Hours**  |   | **Delivery Format**  |   |
| **Logistics**  |
|   |
| **Prerequisites**  |
|   |
| **Industry Recognized Certifications/Credentials**  |
|    |
| **Program Modules**  |
| **Module Name**  | **Number of Hours**  |
|   |   |
|   |   |
|   |   |
|   |   |
|   |   |
|   |   |
| **Total Hours**  |   |