

# Requisitos

- Docentes de IEST públicos
- Estudios: Grados de bachiller, licenciatura o superior en especialidades relevantes.
- Experiencia docente.
- Inglés avanzado (acreditar puntuación de 42 en TOFEL IBT o puntaje de 4 en el IELTS).
- Docentes de carreras afines a los cursos que se impartirán en el Programa (Electrotécnica, Electricidad, Electrónica, Mecatrónica industrial, Mecánica de producción, Mecánica automotriz, Arquitectura de Sistemas de Información, Gestión de Sistemas de Información, Desarrollo de Sistemas de Información, Administración de Redes y Comunicaciones, Arquitectura de Plataformas y servicios de Tecnologías de la Información, Redes y Comunicaciones, Programación de Sistemas de Información, Electricidad, Electrotecnia, Fotovoltaica, entre otros afines)

Dichos requisitos deberán aparecer sustentados en el Curriculum Vitae presentado por cada postulante, quien además deberá remitir los formularios completos, así como copia de su pasaporte y fotografía.



# **APEC Skills Development Capacity Building Alliance (ASD-CBA) Seed Trainer Upskilling Program**

**3 September ~ 4 November 2017  
ASD-CBA, WDA**

## **Program Summary**

<b>Theme:</b>	<b>Vocational Instructor Upskilling</b>
<b>Timeframe:</b>	<b>3 September ~ 4 November 2017</b>
<b>Courses:</b>	<b>Green Energy &amp; Automation Intelligence</b>
<b>Qualifications:</b>	<b>1. Instructors of training institutes or training staffs of enterprises, and 2. Graduates with undergraduate or higher degrees in relevant majors; 3. Personnel with relevant expertise with a good command on English</b>
<b>Location:</b>	<b>ASD-CBA Institute, Taichung</b>
<b>Subsidies:</b>	<b>All expenses including airfare, daily allowance, and training materials are subsidized by ASD-CBA project</b>

## Course Contents

This training program has been divided into two trades and will cover the followings:

### [Automation Intelligence]

Courses	Curriculum
Application of sensor device	1. Theory of sensor application
	2. Circuit design and making of sensor
	3. Practice on circuit making of temperature sensor
	4. Practice on circuit making of pressure sensor
	5. Practice on circuit making of flow sensor
Practice on PLC automation	1. Basic coding introduction and practice
	2. Introduction and practice on command function
	3. Practice on signal interchange of A/D and D/A
	4. Application on frequency converter of energy saving controller
	5. Parameter setting of frequency converter and practical application
Mechanical Servo Control	1. Introduction to servo motor
	2. Parameter setting and application
	3. Speed control settings
	4. Position control settings
	5. Torque control settings
Practice on HMI	1. Application and design on curve diagram
	2. Application and design on trend graph
	3. Control system of intelligent alarm on equipment
	4. Diversified input distribution design
Practice on networking of intelligent system	1. Networking control of PLC and HMI System
	2. Networking control on sensor and machine
	3. Data acquisition and analysis for mechanical intelligence and control practice
	4. Application on IoT
Practice on mechatronic control system	1. Practice on shape identification and data transmission
	2. Color identification and position adjustment
	3. Practice on positioning adjustment and change of direction
	4. Practice on material sorting and machining.
	5. Practice on flexible production module
Practice on 5-Axis CNC machine center	1. Industrial application on 5 axis CNC machine center
	2. Fundamental operation on 5 axis CNC machine center
	3. Introduction to coding and command programing
	4. Application technique on PowerMill Cam
	5. Practice of 5 axis CNC machine center



## Contact Information

MINISTERIO DE EDUCACION OFICINA GENERAL DE COOPERACION Y ASUNTOS INTERNACIONALES
FOLIO No. ....

OK ASD  
CBA

This course will be held at Taichung-Changhua-Nantou Regional Branch (T.C.N.R.) of Workforce Development

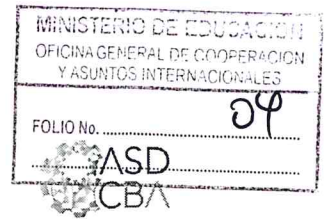
- Address: No.100, Gongyecyu 1st Rd., Situn District, Taichung City 40767, Taiwan, R.O.C.
- Tel: +886-4-2359-2181

### Program Overseer

- Ms. Kuei-Yen Liao
- Tel: +886-2-8995-6021
- E-mail: [kyliao@wda.gov.tw](mailto:kyliao@wda.gov.tw)

### Program Contact Point

- Mr. Joseph Chu-Chiang Liu / Mr. Hans Hou-Jen Chen
- Tel: +886-2-8995-6023
- E-mail: [aarond@wda.gov.tw](mailto:aarond@wda.gov.tw) / [hans918@wda.gov.tw](mailto:hans918@wda.gov.tw)



### ASD-CBA Seed Trainer Upskilling Program

APEC Skills Development Capacity Building Alliance (ASD-CBA)  
 Workforce Development Agency, Ministry of Labor, Chinese Taipei  
 8F., No.439, Zhongping Rd., Xinzhuang Dist., New Taipei City 24219

Tel:+886-2-8995-6022 \*Fax:+886-2-8995-6001 \*E-mail: kyliao@wda.gov.tw; aarond@wda.gov.tw

## Nomination Form

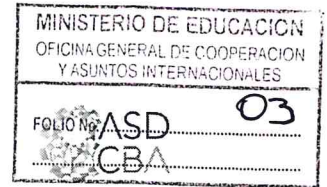
Recent  
Photo

Training Trade (check): Green Energy / Automation Intelligence

### Part 1 Personal data (to be completed by applicant)

<b>Member Economy</b>				
<b>Name in full</b>	<Family name>	<Middle name>	<First name>	
<b>Preferred name on badge</b>				
<b>Organization</b>	Name:			
	Address:			
<b>Position</b>				
<b>E-mail</b>				
<b>TEL</b>		<b>Fax</b>		
<b>Birth Date</b>	<DD/MM/YYYY>	<b>Sex (Check)</b>	Male / Female	
<b>Passport No.</b>				
<b>Issue Date</b>	<DD/MM/YYYY>	<b>Expired Date</b>	<DD/MM/YYYY>	
<b>Education</b>				
<b>Institution</b>	<b>City/Country</b>	<b>Years Attended</b>	<b>Major Field of Study</b>	<b>Certificate/ Degree Awarded</b>
<b>Work Experience(over past 5 years)</b>				
<b>From – To</b>	<b>Employer</b>	<b>Position held and description of duties</b>		





**Part 2 Statement and Official Nomination**  
(to be signed by an applicant and responsible government official)

I certify that the statements made on this Nomination Form are true and correct to the best of my belief.

If accepted as a trainee, I agree ;

- (a) To follow the course of training and abide by the rules of the training organization;
- (b) To compensate for any personal injury, damage or debt incurred to other persons(s);
- (c) To accept that compensation is not payable by the train organization for any damage or loss of my personal property, and
- (d) To accept that the training organization will not assume any responsibility for illness, injury or death due to my own activities not involving my training.

I also fully understand that the granting of training may be withdrawn if I do not follow the above mentioned.

Date: \_\_\_\_\_ Signature: \_\_\_\_\_ (Applicant)

The Government of \_\_\_\_\_ (member economy)  
nominates \_\_\_\_\_ for training course of  
(First name) (Middle name) (Family name)  
the HRDKorea on \_\_\_\_\_ and certifies that;  
(Training Trade)

- (a) All information supplied by the applicant is complete and correct;
- (b) The applicant has an adequate knowledge of the training trade and is physically fit and free from any infectious disease, and
- (c) The applicant has a sufficient knowledge of spoken and written English to enable him/her to follow the course of training.

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
(responsible government official)

Organization name:

\_\_\_\_\_

Position/Title:

\_\_\_\_\_