

# **Institute for Industry-Education**

The Institute for Industry-Education Collaboration (IIEC)

**Performance Objective 1 Provide professional development opportunities to SWLA.****1 Assessment and Benchmark**

Benchmark: Offer a minimum of 40 professional development opportunities per year.

**1.1 Data**

2017-2018:

#	Date	Course Title	Enrollment	Total Hours
47	June 5-7, 2018	Citgo Health and Safety SEED Center Seminar	35	24
46	June 5-7, 2018	Westlake South BOT	11	24
45	May 31, 2018	DOT Hazardous Materials Transportation	2	8
44	May 21-25, 2018	Field Training Officer Academy	25	40
43	May 21, 2018	Resource Conservation and Recovery Act (RCRA)	1	8
42	May 21- June 1, 2018	Westlake Basic Operator Training (BOT)	15	72
41	May 7-18, 2018	SASOL Pre-Operations Training	7	80
40	April 30, 2018	DOT Hazardous Material Transportation (HM-181)	2	8
39	April 30- May 4, 2018	Intermediate Vibration Analysis - ISO Category II	11	40
38	April 23-27, 2018	Custom Training Westlake Chemical	11	40
37	April 19 & 26, 2018	Invista Excel Training	51	16
36	April 16, 2018	Steam Turbines - Design, Thermodynamics and Operation	10	8
35	April 11-13, 2018	Custom Training CITGO	12	24
34	April 5, 2018	Pump Life Extension	12	8
33	March 13, 2018	Ethics for Registered Engineers & Surveyors	7	2
32	March 12-23, 2018	Sasol Custom Training	16	80
31	March 5-6, 2018	Interlock and Control Circuitry Troubleshooting	5	16
30	March 5, 2018	Resource Conservation and Recovery Act (RCRA)	3	8
29	March 1-2, 2018	Flowserve - Citgo	30	16
28	February 20-22, 2018	Dynamic Balancing	14	24
27	February 16, 2018	Operator and Machinery Reliability Training	5	8
26	February 8, 2018	Compressors: How to Achieve High Reliability and Availability	19	8
25	January 29- February 9, 2018	SASOL Pre-Operations Training	15	80
24	January 22-26, 2018	Westlake Chemical Custom Training	14	40
23	January 16 -19, 2018	SASOL Foundations Training	15	32

22	January 16, 2018	Construction Site Safety Technician (CSST)	10	80.5
21	January 16, 2018	DOT Hazardous Material Transportation (HM-181)	2	8
20	January 8-12, 2018	SASOL Foundations Training	15	36
19	December 11-15, 2017	Field Training Officer Academy	29	40
18	December 12-15, 2017	Custom Training SASOL	15	32
17	December 11, 2017	Vibration Analysis and Machine Fault Diagnostics	8	8
16	December 6-8, 2017	Custom Training CITGO	15	24
15	December 5, 2017	What Went Wrong? Learning Chemical Process Safety from Chemical Plant Incidents	10	8
14	November 28-December 1, 2017	Custom Training SASOL	18	32
13	November 13-17, 2017	Custom Training SASOL	18	36.5
12	October 30-November 10, 2017	Custom Training WESTLAKE	9	80
11	October 24-27, 2017	OSHA 501 Training Course	7	30
10	October 16-27, 2017	Custom Training SASOL	15	80
9	October 9, 2017	DOT Hazardous Material Transportation (HM-181)	2	8
8	October 2-13, 2017	Custom Training WESTLAKE	14	80
7	September 18, 2017	Resource Conservation and Recovery Act (RCRA)	2	8
6	September 12, 2017	Ethics for Registered Engineers & Surveyors	10	2
5	September 11-15, 2017	Intermediate Vibration Analysis - ISO Category II	14	40
4	September 7-November 30, 2017	Notary Prep Course	19	36
3	September 7-December 12, 2017	Construction Site Safety Technician (CSST)	17	80.5
2	August 28, 2017	DOT Hazardous Material Transportation (HM-181)	3	8
1	July 17, 2017	DOT Hazardous Material Transportation (HM-181)	3	8
Total			603	1,479.5

### 1.1.1 Analysis of Data and Plan for Continuous Improvement

2017-2018:

During this academic year, the Institute of Industry - Education Collaboration offered 48 professional development opportunities.

## 2 Assessment and Benchmark

Benchmark: Service a minimum of 500 people with a variety of professional development courses.

### 2.1 Data

2017-2018:

During the 2017-2018 academic year, 603 people attended IIEC professional development courses (see table above).

### 2.1.1 Analysis of Data and Plan for Continuous Improvement

## 3 Assessment and Benchmark

Benchmark: Write and submit at least one Incumbent Workers Training Program (IWTP) grant.

### 3.1 Data

2017-2018:

During the 2017-2018 academic year, IIEC was involved in the writing of one IWTP grant that was submitted during the next year.

#### 3.1.1 Analysis of Data and Plan for Continuous Improvement

## Performance Objective 2 Maintain the EDA University Center status.

### 1 Assessment and Benchmark

Benchmark: Continue the operation of the EDA University Center funded by EDA.

#### 1.1 Data

2017-2018:

A one year, no-cost extension of the current EDA grant was secured for 2018-2019.

#### 1.1.1 Analysis of Data and Plan for Continuous Improvement

### 2 Assessment and Benchmark

Benchmark: Submit a proposal to attract a second five-year EDA University Center contract.

#### 2.1 Data

2017-2018:

A proposal was submitted on June 13, 2018.

#### 2.1.1 Analysis of Data and Plan for Continuous Improvement

## Performance Objective 3 Expand Institute for Industry-Education Collaboration professional development opportunities to include non-technical courses.

### 1 Assessment and Benchmark

Benchmark: Organize, market, and offer at least five non-technical courses.

#### 1.1 Data

2017-2018:

#	Date	Course Title	Enrollment	Total Hours
44	May 21-25, 2018	Field Training Officer Academy	25	40
37	April 19 & 26, 2018	Invista Excel Training	51	16
33	March 13, 2018	Ethics for Registered Engineers & Surveyors	7	2
19	December 11-15, 2017	Field Training Officer Academy	29	40
6	September 12, 2017	Ethics for Registered Engineers & Surveyors	10	2
4	September 7- November 30, 2017	Notary Prep Course	19	36
Total			131	136

### 1.1.1 Analysis of Data and Plan for Continuous Improvement

2017-2018:

During the 2017-2018 academic year, the EDA University Center offered a total of six non-technical courses. Two of these courses were offered twice.

## Performance Objective 4 Maintain a level of self-generated funding to ensure sustainability.

### 1 Assessment and Benchmark

Benchmark: Generate a minimum of \$120,000 in net revenue per year.

#### 1.1 Data

	Academic Year Ending		
	2016	2017	2018
Previous year balance	\$167,344.87	\$82,714.16	\$62,842.82
Income	\$230,872.25	\$423,523.50	\$537,525.21
Expenses	\$315,502.96	\$443,394.84	\$286,141.22
Net revenue	\$82,714.16	\$62,842.82	\$251,383.99

### 1.1.1 Analysis of Data and Plan for Continuous Improvement