

Industry and Technology Institutional (ILO), Program (PLO), and Course (SLO) Alignment

Use the checklists provided to evaluate your SLO statements. Please add or revise PLO and SLO statements directly on this form.

Or, if you prefer to make changes on the electronic version contact your Facilitators (Pati Fairchild or SueEllen Warren) or your Division Administrative Assistant (Denise Spurlock) to have the grid emailed to you.

When SLO, PLO and ILO alignment changes are made, please make changes in red.

Return the completed grid to your Facilitator by Friday, Nov 8th.

Program: Air Conditioning and Refrigeration	Number of Courses: 11	Date Updated: Fall 2012	Submitted by: Vic Cafarchia Ext. 3306									
ILO Rating Rubric												
<p>4 - A major focus of the course. Direct instruction is provided. Students are evaluated multiple times (and possibly in various ways) throughout the course.</p> <p>3 - An important part of the course. Some direct instruction is provided and students are evaluated on the concepts once or twice within the course.</p> <p>2 - Only a minor focus of the course. Some instruction is given in the area but students are not formally evaluated on the concepts.</p> <p>1 - May be tangentially part of the class, but is not directly taught or evaluated or is not part of the course at all.</p>												
Institutional Learning Outcomes (ILOs)	I. Content Knowledge	II. Critical, Creative, and Analytical Thinking	III. Communication and Comprehension	IV. Professional and Personal Growth	V. Community and Collaboration	VI. Information and Technology Literacy						
Overall Rating <small>Rate each from 1-4 based on above rubric</small>	3	2	2	1	1	1						
<p>Program Level SLOs A minimum of 3 and maximum of 6 PLOS. There are, however, exceptions. For example, if department faculty have developed one or two comprehensive PLO statements that reflect the program mission and covers the major components and the overarching goals of the program, they may present them to their Dean and Facilitator for approval as is. In cases where the facilitator or dean or faculty disagree with the rigor of the statements, the PLO statement will be forwarded to the Assessment of Learning Committee (ALC) for review and recommendations.</p> <p style="text-align: center;"><i>Include PLO #, Short Title, and PLO statement. Example: PLO #2 Ethics and Professionalism</i></p>						ILOS to Program SLO Alignment (Rate each 1-4)						
						<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 14.28%; text-align: center;">I</td> <td style="width: 14.28%; text-align: center;">II</td> <td style="width: 14.28%; text-align: center;">III</td> <td style="width: 14.28%; text-align: center;">IV</td> <td style="width: 14.28%; text-align: center;">V</td> <td style="width: 14.28%; text-align: center;">VI</td> </tr> </table>	I	II	III	IV	V	VI
I	II	III	IV	V	VI							
<p>PLO #1 Safety Knowledge and Skills Students successfully completing air conditioning and refrigeration program, whether in the certificate program or degree program, will acquire and be able to use specific safety knowledge and skills relating to the air conditioning and refrigeration discipline and will be able to apply those skills to specific job requirements.</p>						<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 14.28%; text-align: center;">3</td> <td style="width: 14.28%; text-align: center;">2</td> <td style="width: 14.28%; text-align: center;">1</td> <td style="width: 14.28%; text-align: center;">1</td> <td style="width: 14.28%; text-align: center;">1</td> <td style="width: 14.28%; text-align: center;">1</td> </tr> </table>	3	2	1	1	1	1
3	2	1	1	1	1							
<p>PLO #2 Installing Servicing and Repairing Systems Upon completion of a course of study in air conditioning and refrigeration, a student will be able to install, service, and repair ACR systems as required by the industry guidelines.</p>						<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 14.28%; text-align: center;">3</td> <td style="width: 14.28%; text-align: center;">2</td> <td style="width: 14.28%; text-align: center;">1</td> <td style="width: 14.28%; text-align: center;">1</td> <td style="width: 14.28%; text-align: center;">2</td> <td style="width: 14.28%; text-align: center;">2</td> </tr> </table>	3	2	1	1	2	2
3	2	1	1	2	2							
<p>PLO #3 Pressure Testing and Charging Systems Upon completion of a course of study, students in air conditioning and refrigeration will be able to properly pressure test, evacuate, and charge ACR system.</p>						<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 14.28%; text-align: center;">3</td> <td style="width: 14.28%; text-align: center;">2</td> <td style="width: 14.28%; text-align: center;">2</td> <td style="width: 14.28%; text-align: center;">1</td> <td style="width: 14.28%; text-align: center;">2</td> <td style="width: 14.28%; text-align: center;">2</td> </tr> </table>	3	2	2	1	2	2
3	2	2	1	2	2							
<p>PLO# 4 Attaining Certificates, Degrees, Transferring and Attaining Jobs Students completing a course of study in air conditioning and refrigeration will successfully earn a certificate/graduate/transfer to 4 year universities and will successfully compete for jobs in which they can apply their knowledge and communicative skills acquired in the air conditioning and refrigeration program.</p>						<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 14.28%; text-align: center;">3</td> <td style="width: 14.28%; text-align: center;">1</td> <td style="width: 14.28%; text-align: center;">2</td> <td style="width: 14.28%; text-align: center;">1</td> <td style="width: 14.28%; text-align: center;">2</td> <td style="width: 14.28%; text-align: center;">2</td> </tr> </table>	3	1	2	1	2	2
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