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: Construction Technology	**Number of Courses:** **16**	**Date Updated:**	**Submitted by:** Ross Durand Ext. 3630

ILO Rating Rubric

4 - A major focus of the course. Direct instruction is provided. Students are evaluated multiple times (and possibly in various ways) throughout the course.
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.
2- Only a minor focus of the course. Some instruction is given in the area but students are not formally evaluated on the concepts.
1- May be tangentially part of the class, but is not directly taught or evaluated or is not part of the course at all.

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 Rate each from 1-4 based on above rubric.	4	4	2	2	2	1

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. *Include PLO #, Short Title, and PLO statement. Example: PLO #2 Ethics and Professionalism*	**ILOs to PLO Alignment** (Rate each 1-4)					
	I	II	III	IV	V	VI
PLO #1 Safely Operating Industry Tools Upon successful completion of the courses in this program, students will be able to identify and safely operate tools commonly used in the construction and/or cabinetmaking industry.	4	4	2	2	2	1
PLO #2 Project Estimating Upon successful completion of the Construction Technology program, students will be able to reference a set of plans and produce a complete materials list.						
PLO #3 Project Layout and Construction Upon successful completion of the Construction Technology program, students will be able to participate in the layout and construction of a residential structure.						

Course Level SLOs A minimum of 3 and maximum of 6 SLOs. There are, however, exceptions. For example, if department faculty have developed one or two comprehensive SLO statements that cover the major components and the overarching goals of the course, 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 SLO statement will be forwarded to the Assessment of Learning Committee (ALC) for review and recommendations. *Include SLO #, Short Title, and SLO Statement* *Example: Math 170 SLO #3 Vectors and Complex Numbers.*	**Course to PLO Alignment** *Mark with an X if you will use the course when assessing your PLO.*			**ILOs to Course Alignment** (Rate each 1-4)					
	P1	P2	P3	I	II	III	IV	V	VI
CTEC 100 - Building Fundamentals SLO #1 Materials and Methods Students will be able to demonstrate a basic application of materials and methods commonly used in residential construction.	X			4	3	2	2	2	1
CTEC 100 - Building Fundamentals SLO #2									
CTEC 100 - Building Fundamentals SLO #3									
CTEC 105 - Residential Light Steel Framing SLO #1 Steel Framing Materials and Methods Students will be able to demonstrate a basic application of materials and methods commonly used in residential construction.	X			4	3	2	2	2	1
CTEC 105 - Residential Light Steel Framing SLO #2									
CTEC 105 - Residential Light Steel Framing SLO #3									
CTEC 110 - Additions and Remodeling SLO #1 Residential Construction Materials Students will be able to demonstrate a basic application of materials and methods commonly used in residential construction.	X			4	3	2	2	2	1
CTEC 110 - Additions and Remodeling SLO #2									
CTEC 110 - Additions and Remodeling SLO #3									

Course Level SLOs Minimum of 3 and maximum of 6 SLOs. *Include SLO #, Short Title, and SLO Statement* *Example: Math 170 SLO #3 Vectors and Complex Numbers*	**Course to PLO Alignment** *Mark with an X if you will use the course when assessing your PLO.*			**ILOs to Course Alignment** (Rate each 1-4)					
	P1	P2	P3	I	II	III	IV	V	VI
CTEC 121 - Concrete and Formwork: SLO #1 Concrete and Formwork Materials Students will be able to demonstrate a basic application of materials and methods commonly used in residential construction.	X			4	3	2	2	2	1
CTEC 121 - Concrete and Formwork: SLO #2									
CTEC 121 - Concrete and Formwork: SLO #3									
CTEC 122 - Rough Framing: SLO #1 Rough Framing Materials and Methods Students will be able to demonstrate a basic application of materials and methods commonly used in residential construction.	X			4	3	2	2	2	1
CTEC 122 - Rough Framing: SLO #2									
CTEC 122 - Rough Framing: SLO #3									

Course Level SLOs Minimum of 3 and maximum of 6 SLOs. *Include SLO #, Short Title, and SLO Statement* *Example: Math 170 SLO #3 Vectors and Complex Numbers*	**Course to PLO Alignment** *Mark with an X if you will use the course when assessing your PLO.*			**ILOs to Course Alignment** (Rate each 1-4)					
	P1	P2	P3	I	II	III	IV	V	VI
CTEC 131 - Roof Framing: SLO #1 Roof Framing Materials and Methods Students will be able to demonstrate a basic application of materials and methods commonly used in residential construction.	X			4	3	2	2	2	1
CTEC 131 - Roof Framing: SLO #2									
CTEC 131 - Roof Framing: SLO #3									
CTEC 132 - Stair Framing: SLO #1 Stair Framing Materials and Methods Students will be able to demonstrate a basic application of materials and methods commonly used in residential construction.	X			4	3	2	2	2	1
CTEC 132 - Stair Framing: SLO #2									
CTEC 132 - Stair Framing: SLO #3									
CTEC 141 - Interior Subcrafts: SLO #1 Interior Subcrafts Materials and Methods Students will be able to demonstrate a basic application of materials and methods commonly used in residential construction.	X			4	3	2	2	2	1
CTEC 141 - Interior Subcrafts: SLO #2									
CTEC 141 - Interior Subcrafts: SLO #3									

Course Level SLOs Minimum of 3 and maximum of 6 SLOs. *Include SLO #, Short Title, and SLO Statement* *Example: Math 170 SLO #3 Vectors and Complex Numbers*	**Course to PLO Alignment** *Mark with an X if you will use the course when assessing your PLO.*			**ILOs to Course Alignment** (Rate each 1-4)					
	P1	P2	P3	I	II	III	IV	V	VI
CTEC 142 - Exterior Subcrafts: SLO #1 Extrerior Subcrafts Materials and Methods Students will be able to demonstrate a basic application of materials and methods commonly used in residential construction.	X			4	3	2	2	2	1
CTEC 142 - Exterior Subcrafts: SLO #2									
CTEC 142 - Exterior Subcrafts: SLO #3									
CTEC 150 - Contract Estimating SLO #1 Residential Construction Estimating Students will be able to demonstrate a basic knowledge of residential construction estimating.	X			4	3	2	2	2	1
CTEC 150 - Contract Estimating SLO #2									
CTEC 150 - Contract Estimating SLO #3									
CTEC 160 - Business and Legal Aspects of Contracting Contractor Licensing Laws SLO #1 Legal Aspects Students will be able to demonstrate a basic knowledge of the California Contractor License Law.	X			4	3	2	2	2	1
CTEC 160 - Business and Legal Aspects of Contracting Contractor Licensing Laws SLO #2									
CTEC 160 - Business and Legal Aspects of Contracting Contractor Licensing Laws SLO #3									

Course Level SLOs Minimum of 3 and maximum of 6 SLOs. *Include SLO #, Short Title, and SLO Statement* *Example: Math 170 SLO #3 Vectors and Complex Numbers*	**Course to PLO Alignment** *Mark with an X if you will use the course when assessing your PLO.*			**ILOs to Course Alignment** (Rate each 1-4)					
	P1	P2	P3	I	II	III	IV	V	VI
CTEC 172 - Residential Electrical Wiring SLO #1 Electrical Wiring Materials and Methods Students will be able to demonstrate a basic application of materials and methods commonly used in residential construction.	X			4	3	2	2	2	1
CTEC 172 - Residential Electrical Wiring SLO #2									
CTEC 172 - Residential Electrical Wiring SLO #3									
CTEC 180 - Residential Plumbing: SLO #1 Plumbing Materials and Methods Students will be able to demonstrate a basic application of materials and methods commonly used in residential construction.	X			4	3	2	2	2	1
CTEC 180 - Residential Plumbing: SLO #2									
CTEC 180 - Residential Plumbing: SLO #3									