**Continuous Improvement Plan Report to be Completed in Years 2/4 of Program Review Cycle**

**Date: 11/15/2024 Name of Program: Real Estate\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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**Table 1: CIP Student/Program Level Learning Outcomes Targeted for Improvement, Description of Assessment Measure(s) and Targets Levels of Success Table (focus on at least one student/program level outcome for the next two years)**

**Description of Fields in CIP Table 1:**

**A. Student Learning Outcome(s)** -Results expected in this program (e.g., students will be able to compare/contrast conflict and structural functional theories). Outcomes must be quantifiable and measurable.

**B. Assessment Measure(s)** –Assessmentinstrument(s)/process(es) used to measure results (e.g., embedded test questions 6 & 7 from final exam)

**C. Targeted Level(s) of Success** -Level of success expected (e.g., X% of students will score at least Y on the indicated assessment)

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| 1. **Student/Program Level Learning Outcome(s)**

**Targeted for Improvement** (e.g., “Students will be able to…”) | **B. Description of Assessment Measure(s)**(Assessment instrument(s)/process(es) used to measure results - Include course in which assessment will be given) | **C. Targeted Level(s) of Success**(e.g., X% of students will score at least Y on the indicated assessment.) |
| Program Learning Outcome: Demonstrate an understanding of the requirements of real estate regulations. | The final exam in Principles of Real Estate I addresses this PLO by covering licensing requirements, the Texas Real Estate License Act, federal fair housing, ethics of practice, etc. | 70% of students who attempt the final exam will score 70% or above. All questions on this exam relate to this PLO. |
| Student Learning Outcome: Discuss the Texas Real Estate License Act (TRELA). | Quiz 2 in Principles of Real Estate I addresses this SLO by covering the Texas Real Estate License Act. | 70% of students who attempt Quiz 2 will score 70% or above. All questions on this quiz relate to this SLO. |
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**Add additional rows if necessary.**

**Table 2. CIP Student Learning Outcomes 1–3 (focus on at least one for the next two years)**

**Description of Fields in CIP Table 2:**

**A. Student/Program Level Learning Outcome(s) Targeted for Improvement** -Results expected in this program (e.g., Students will be able to compare/contrast conflict and structural functional theories). Outcomes must be quantifiable and measurable.

**B. Assessment Measure(s)** – **Assessment** Instrument(s)/process(es) used to measure results (e.g., embedded test questions 6 & 7 from final exam)

**C. Targeted Level(s) of Success** -Level of success expected (e.g., X% of students will earn a score of Y or greater on the embedded test questions)

**D. Description of Action Plan to Improve Learning** -Describe action(s) to be taken to improve student attainment of the indicated student/program level outcome. What will you do?

**E. Summary of Results/Data** - Summarize the information and data collected in year 1/3 when action plan was implemented.

**F. Findings** - Explain how the information and data has impacted the expected student learning outcome.

**G. Implementation of Findings** – Describe how you have used or will use your findings and analysis of the data to make improvements.

**Student/Program Level Learning Outcome Targeted for Improvement #1**

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| 1. **Student/Program Level Learning Outcome Targeted for Improvement #1:** Demonstrate an understanding of the requirements of real estate regulations.
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| 1. **Assessment Measure(s):** The final exam in Principles of Real Estate I addresses this PLO by covering licensing requirements, the Texas Real Estate License Act, federal fair housing, ethics of practice, etc.
 | 1. **Targeted Level(s) of Success:** 70% of students who attempt the final exam will score 70% or above. All questions on this exam relate to this PLO.
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| 1. **Description of Action Plan to Improve Learning:** Students in Principles of Real Estate I frequently report the unit covering the Texas Real Estate License Act is the most challenging in the course. Rather than simply read the material out of the book, the Perusall social annotation tool was implemented in some online sections of this course to make learning this material more interactive, and to determine if it could help increase the percentage of students who score at least a 70% on the final exam.

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| 1. **Summary of Results/Data:** In the Fall 2023 and Spring 2024 semesters, 67.2% of students attempted and scored at least 70% on the final exam in online Principles of Real Estate I courses that did not use Perusall. 65.9% of students attempted and scored at least 70% on the final exam in online Principles of Real Estate I courses that used Perusall.
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| 1. **Findings:** There was no significant difference in final exam outcomes between students who were in classes that used Perusall and those that did not. It is possible that the additional performance benefits that students realized on Quiz 2 did not carry over to the final exam.
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| 1. **Implementation of Findings:** While it does not appear that using this particular tool to help students study for Quiz 2 had an appreciable outcome on final exam pass rates, that does not mean that there are no opportunities for additional targeted interventions that could be used to boost this level of success. The real estate faculty are investigating additional opportunities to implement this tool in Year 3 that could more directly outcome final exam scores, including a collaborative final exam review document.
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**Student/Program Level Learning Outcome Targeted for Improvement #2**

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| **Student/Program Level Learning Outcome Targeted for Improvement #2:** Discuss the Texas Real Estate License Act (TRELA). |
| 1. **Assessment Measure(s):** Quiz 2 in Principles of Real Estate I addresses this SLO by covering the Texas Real Estate License Act.
 | 1. **Targeted Level(s) of Success:** 70% of students who attempt Quiz 2 will score 70% or above. All questions on this quiz relate to this SLO.
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| 1. **Description of Action Plan to Improve Learning:** Students in Principles of Real Estate I frequently report that Quiz 2, covering the Texas Real Estate License Act, is the most challenging in the course. Rather than simply read the material out of the book, the Perusall social annotation tool was implemented in some online sections of this course to make learning this material more interactive, and to determine if it could help increase the percentage of students who score at least 70% on Quiz 2.

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| 1. **Summary of Results/Data:** In the Fall 2023 and Spring 2024 semesters, 61.7% of students attempted and scored at least 70% on the final exam in online Principles of Real Estate I courses that did not use Perusall. 69.7% of students attempted and scored at least 70% on the final exam in online Principles of Real Estate I courses that used Perusall.
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| 1. **Findings:** There appears to be a significant difference in the success rate on Quiz 2 in students that used Perusall vs. those that did not.
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| 1. **Implementation of Findings:** Perusall has a scoring function that measures the level of student interactivity with the study material. By using this feature, students may be more inclined to interact with the instructor and each other in the tool. This will be explored in Year 3, with students being encouraged to use the tool by awarding extra credit points for doing so.
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**Program Assessment Data Report**

 **Program: Real Estate Terms Data Collected: Fall 2023 & Spring 2024**

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| Program-Level Learning Outcome- (From Assessment Plan) | Assessment Measure(s) and Where Implemented in Curriculum – (From Assessment Plan) | Target Outcome(s)- Level of Success Expected – (From Assessment Plan) | Assessment Results – (Provide data in a form related to targeted levels of success to left. Indicate if targeted level of success was met, partially met, or not met.) |
| Demonstrate an understanding of the requirements of real estate regulations. | Principles of Real Estate I final exam | 70% of students who attempt the final exam will score 70% or better. | The targeted intervention did not increase the results to meet the targeted outcomes, and in fact it did not seem to have any appreciable impact. |
| Discuss the Texas Real Estate License Act. | Principles of Real Estate I Quiz 2 | 70% of students who attempt Quiz 2 will score a 70% or better. | While the targeted intervention did not increase the results to the targeted outcome, not only was it close (69.7%) but Quiz 2 success results were significantly better in classes that did use Perusall vs. those that did not. |

**Add additional rows if necessary.**