

**AN EXAMINATION OF THE EFFECT OF GRADUATE LEVEL
PROGRAM AND COURSE MODIFICATIONS NECESSITATED BY
STATE AND FEDERAL ACCREDITATION BODIES ON STUDENT
ASSESSMENT OF LEARNING AND THE ABILITY TO USE WHAT
WAS LEARNED BEYOND THE CLASSROOM**

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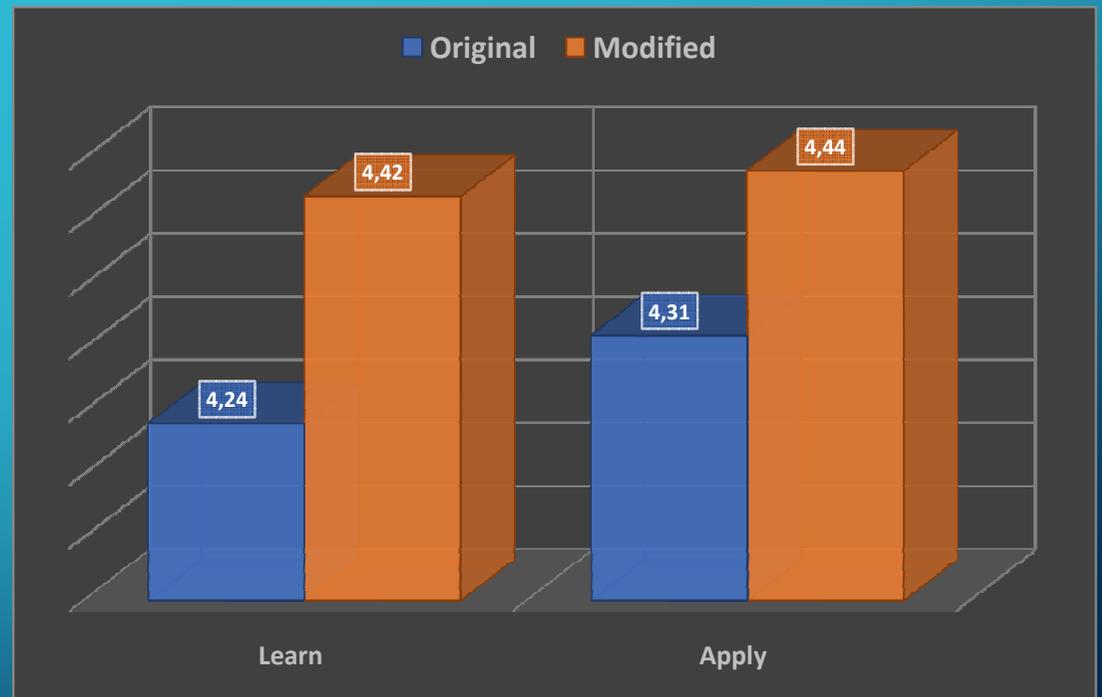
Original EDA Program Courses		Corresponding Modified EDA Courses	
614	Introduction to Leadership	656	Professional Growth Leadership
618	School Law and Policy	658	Community Leadership
619	School Resource Management	657	Organization/Systems Leadership
623	Instructional Leadership	653	Curriculum Leadership
624	Supervision of Instruction	654	Instructional Leadership
626	Community and Diversity	655	School Improvement Leadership
651	Ethics and Philosophy of Leaders	652	Visionary Leadership

MODIFICATION OF EXISTING COURSES DUE TO CHANGES IN THE CALIFORNIA COMMISSION ON TEACHER CREDENTIALS (CCTC) ALSO AFFORDED AN OPPORTUNITY TO UPDATE THE CONTENT MATERIAL IN EACH OF THE ORIGINAL PROGRAM COURSES. THIS STUDY EXAMINED COURSES TAUGHT IN THE YEAR PRIOR TO, AND THE YEAR IMMEDIATELY AFTER, WHEN THE PROGRAM WAS MODIFIED. NATIONAL UNIVERSITY'S ACADEMIC PROGRAM OPERATES ON A COURSE A MONTH BASIS AND EACH OF THE EDUCATIONAL ADMINISTRATION COURSES ARE OFFERED EVERY OTHER MONTH WITH MORE THAN ONE SECTION PER COURSE OFFERED DUE TO ENROLLMENT LEVELS.

PRESENTED NEXT ARE ANALYSIS OF STUDENTS' ASSESSMENT OF LEARNING AND THEIR ABILITY TO APPLY WHAT LEARNED IN THE ORIGINAL PROGRAM COURSES AND THE CORRESPONDING MODIFIED NEW COURSES.

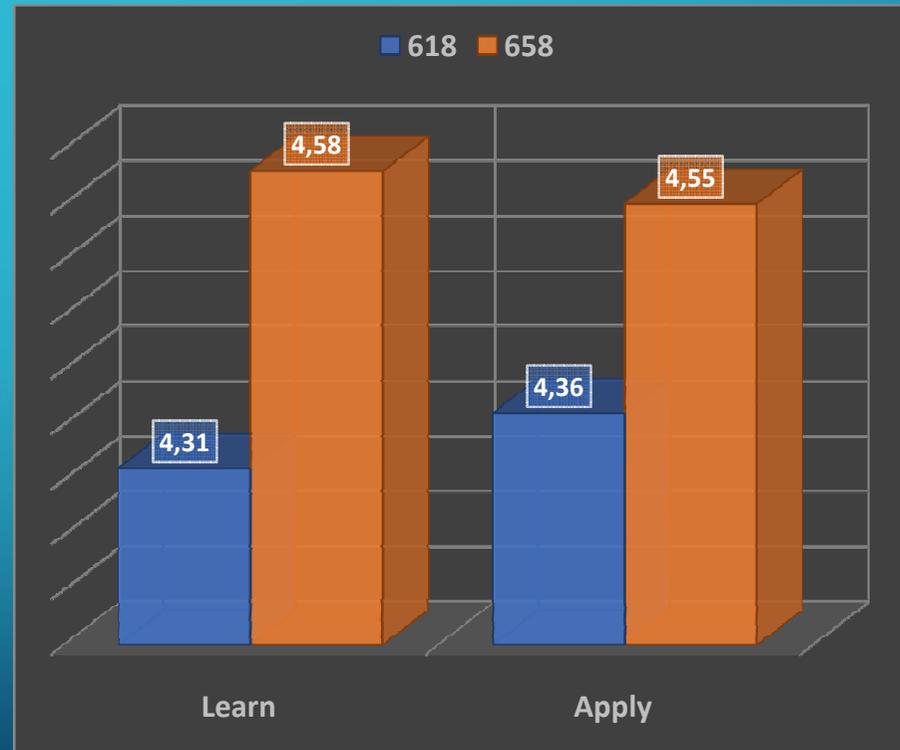
STUDENTS ARE ASKED TO SELF-ASSESS THEIR LEARNING, ABILITY TO APPLY WHAT LEARNED, INSTRUCTOR EFFECTIVENESS, AND COURSE CONTENT ITEMS THROUGH AN END-OF-COURSE QUESTIONNAIRE, UTILIZING A LIKERT SCALE OF 1 TO 5, THAT WAS DEVELOPED BY THE FACULTY SENATE IN CONJUNCTION WITH THE PROVOST'S OFFICE. STUDENT RESPONSE RATES FOR THE COURSES IN THIS STUDY EXCEEDED 50%.

- ANOVA – Student Assessment of Learning in Original vs. Modified programs $F = 2.501, 1/193 \text{ df}, >.05 (3.84)$
- ANOVA – Student Assessment of ability to Apply what learned in Original vs. Modified programs $F = 0.093, 1/193 \text{ df}, >.05 (3.84)$



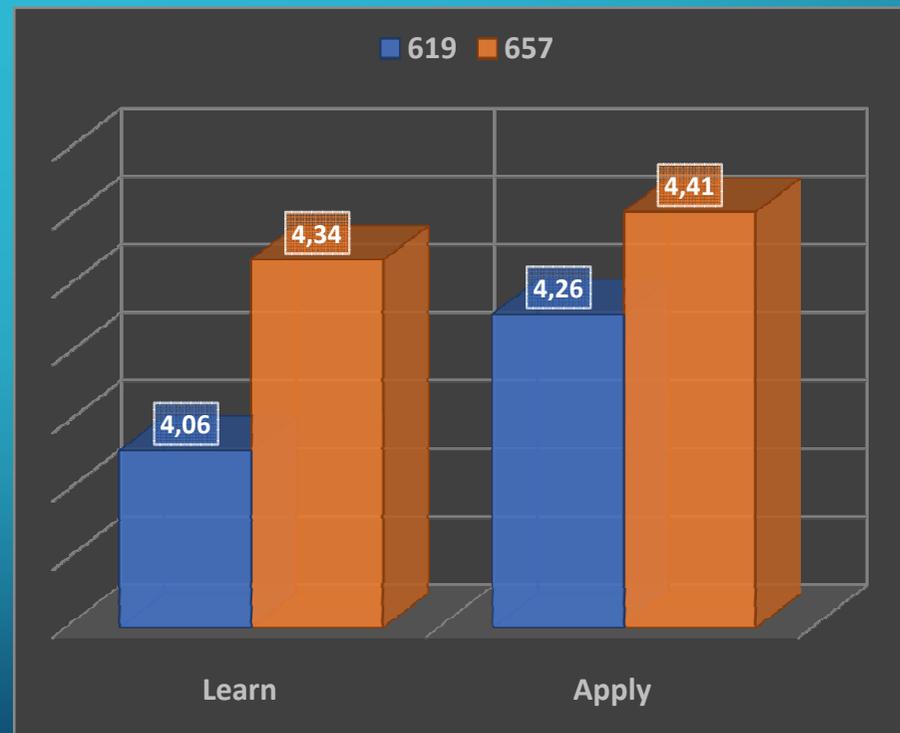
STUDENT ASSESSMENT OF LEARNING AND ABILITY TO APPLY WHAT LEARNED IN ORIGINAL EDA 618 COURSE (SCHOOL LAW AND POLICY) VS. MODIFIED NEW EDA 658 COURSE (COMMUNITY LEADERSHIP)

- ANOVA – Student Assessment of Learning in EDA 618 vs. EDA 658 course $F = 0.182, 1/29 \text{ df}, >.05$ (4.18)
- ANOVA – Student Assessment of ability to Apply what learned in EDA 618 vs. EDA 658 course $F = 0.111, 1/29 \text{ df}, >.05$ (4.18)
- No Statistically Significant Differences in Student Learning or ability to Apply what learned between EDA 618 vs. EDA 658



STUDENT ASSESSMENT OF LEARNING AND ABILITY TO APPLY WHAT LEARNED IN ORIGINAL EDA 619 COURSE (SCHOOL RESOURCE MANAGEMENT) VS. MODIFIED NEW EDA 657 COURSE (ORGANIZATION SYSTEMS MANAGEMENT)

- ANOVA – Student Assessment of Learning in EDA 619 vs. EDA 657 course $F = 4.200$, 1/30 df, $<.05$ (4.17)
- ANOVA – Student Assessment of ability to Apply what learned in EDA 619 vs. EDA 657 course $F = 1.038$, 1/30 df, $>.05$ (4.17)
- Statistically Significant Difference in Student Learning between EDA 619 vs. EDA 657, however, No Statistically Significant Difference in ability to Apply what learned between EDA 619 vs. EDA 657



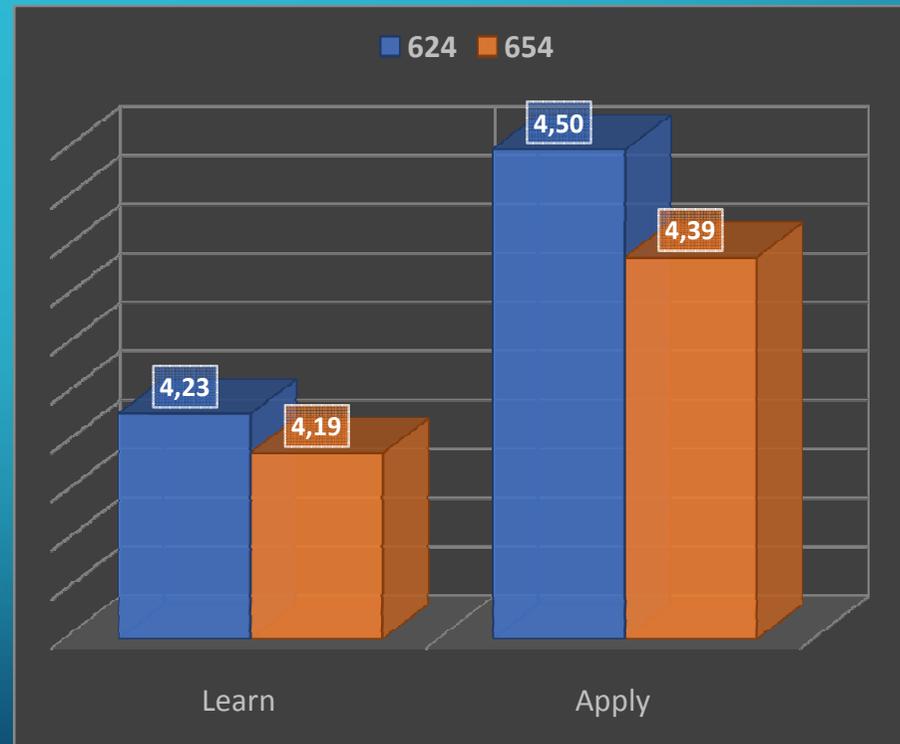
STUDENT ASSESSMENT OF LEARNING AND ABILITY TO APPLY WHAT LEARNED IN ORIGINAL EDA 623 COURSE (INSTRUCTIONAL LEADERSHIP) VS. MODIFIED NEW EDA 653 COURSE (CURRICULUM LEADERSHIP)

- ANOVA – Student Assessment of Learning in EDA 623 vs. EDA 653 course $F = 0.204, 1/27 \text{ df}, >.05$ (4.21)
- ANOVA – Student Assessment of ability to Apply what learned in EDA 623 vs. EDA 653 course $F = 0.067, 1/27 \text{ df}, >.05$ (4.21)
- Slight but Not Statistically Significant Differences in Student Learning or ability to Apply what learned between EDA 618 vs. EDA 658



STUDENT ASSESSMENT OF LEARNING AND ABILITY TO APPLY WHAT LEARNED IN ORIGINAL
EDA 624 COURSE (SUPERVISION OF INSTRUCTION) VS.
MODIFIED NEW EDA 654 COURSE (INSTRUCTIONAL LEADERSHIP)

- ANOVA – Student Assessment of Learning in EDA 624 vs. EDA 654 course $F = 0.062, 1/27 \text{ df}, >.05$ (4.21)
- ANOVA – Student Assessment of ability to Apply what learned in EDA 624 vs. EDA 654 course $F = 0.830, 1/27 \text{ df}, >.05$ (4.21)
- Lower but Not Statistically Significant Differences in Student Learning or ability to Apply what learned between EDA 618 vs. EDA 658



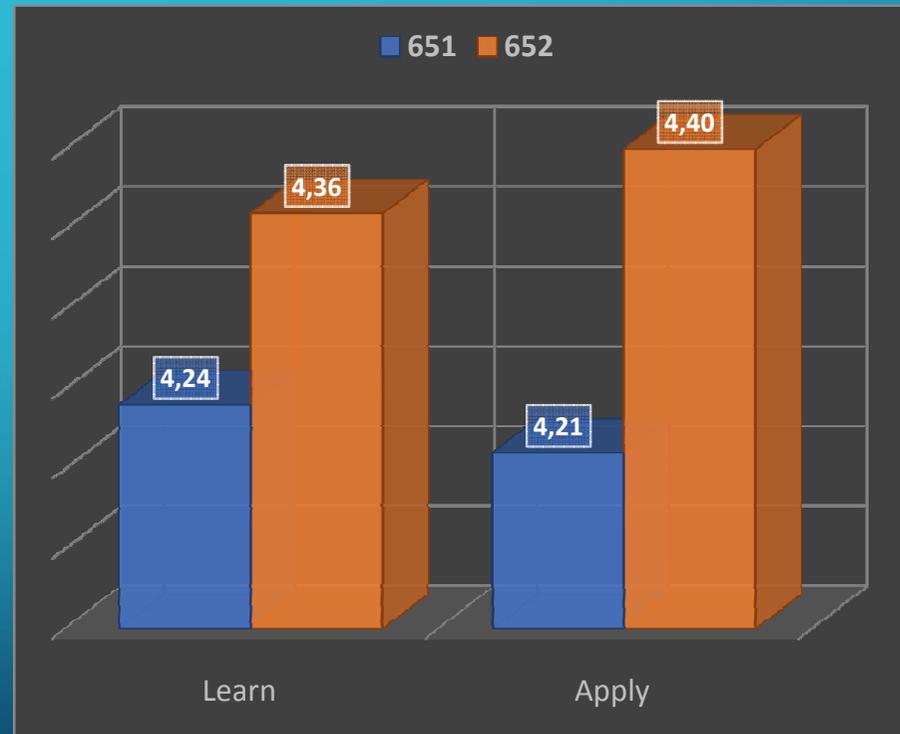
STUDENT ASSESSMENT OF LEARNING AND ABILITY TO APPLY WHAT LEARNED IN ORIGINAL EDA 626 COURSE (COMMUNITY AND DIVERSITY) VS. MODIFIED NEW EDA 655 COURSE (SCHOOL IMPROVEMENT LEADERSHIP)

- ANOVA – Student Assessment of Learning in EDA 626 vs. EDA 655 course $F = 8.972, 1/21 \text{ df}, <.01$ (8.02)
- ANOVA – Student Assessment of ability to Apply what learned in EDA 626 vs. EDA 655 course $F = 4.689, 1/21 \text{ df}, <.05$ (4.32)
- Statistically Significant Differences were noted in both Student Learning and ability to Apply what learned between EDA 626 vs. EDA 655 courses. This was only instance where Learning and ability to Apply what learned were statistically significantly greater in the modified course than in the original course.



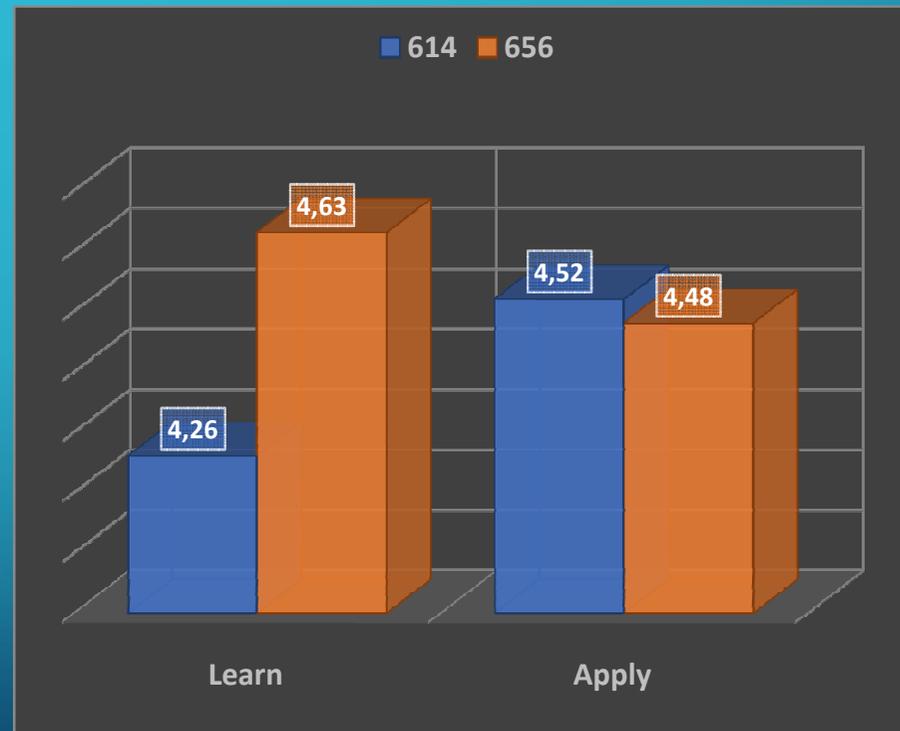
STUDENT ASSESSMENT OF LEARNING AND ABILITY TO APPLY WHAT LEARNED IN ORIGINAL EDA 651 COURSE (ETHICS OF LEADERSHIP) VS. MODIFIED NEW EDA 652 COURSE (VISIONARY LEADERSHIP)

- ANOVA – Student Assessment of Learning in EDA 651 vs. EDA 652 course $F = 0.136, 1/26 \text{ df}, >.05$ (4.23)
- ANOVA – Student Assessment of ability to Apply what learned in EDA 623 vs. EDA 653 course $F = 0.172, 1/26 \text{ df}, >.05$ (4.23)
- No Statistically Significant Differences in Student Learning or ability to Apply what learned between EDA 651 vs. EDA 652



STUDENT ASSESSMENT OF LEARNING AND ABILITY TO APPLY WHAT LEARNED IN ORIGINAL EDA 614 COURSE (INTRODUCTION TO LEADERSHIP) VS. MODIFIED NEW EDA 656 COURSE (PROFESSIONAL GROWTH LEADERSHIP) THE RESULT OF THE STATISTICAL ANALYSIS IS A PARADOX IN THAT WHILE LEARNING INCREASED IN THE MODIFIED COURSE, ABILITY TO APPLY WHAT LEARNED DIMINISHED

- ANOVA – Student Assessment of Learning in EDA 614 vs. EDA 656 course $F = 4.492$, 1/21 df, $<.05$ (4.32)
- ANOVA – Student Assessment of ability to Apply what learned in EDA 614 vs. EDA 656 course $F = 6.005$, 1/21 df, $<.05$ (4.32) beginning to approach .01 (8.02)
- Statistically Significant Differences were noted in both Student Learning and ability to Apply what learned between EDA 626 vs. EDA 655 courses but in opposite directions.



CALIFORNIA COMMISSION ON TEACHER CREDENTIALS (CCTC) NEW PROGRAM MANDATES REQUIRED INCLUDING STUDENT LEARNING ASSESSMENT MODELS, THE PERSONAL AND PROFESSIONAL DEVELOPMENT OF TEACHERS AND STAFF, AND DEVELOPING PARENT AND COMMUNITY RELATIONS.

PROGRAM ADMINISTRATORS DECIDED THAT THEY WOULD BE BEST, AND MOST EASILY, INCLUDED IN THE MODIFIED EDA 656 COURSE (ORIGINALLY EDA 614). IT IS SUGGESTED THAT WHILE STUDENTS REPORTED LEARNING MORE, THE DILUTED FOCUS OF THE COURSE LED TO SOME CONFUSION WHEN STUDENTS ATTEMPTED TO CONSIDER HOW TO APPLY WHAT THEY LEARNED.

EDA 614 – Introduction To Leadership

The theories, principles, and concepts related to leadership, administration, and management applied to education. Application and implications of theory for the instructional leader and education-related manager.

EDA 656 – Professional Growth Leadership

This course examines the theories, principles, and concepts related to leadership, administration, management as well as student learning assessment models. Focus is directed toward understanding how to apply the leadership theories and assessment models in education settings involving faculty, staff, students, parents and the community. Emphasis is placed on professional and personal development and modeling of professional growth activities to faculty and staff in educational environments.

**WHICH MODIFIED COURSES MOSTLY LOGICALLY SHOULD HAVE
INCORPORATED CCTC ADDITIONAL REQUIREMENTS**

EDA 654 INSTRUCTIONAL LEADERSHIP

- * ASSESSMENT OF STUDENT LEARNING

EDA 655 SCHOOL IMPROVEMENT LEADERSHIP

- * PROFESSIONAL AND PERSONAL DEVELOPMENT
- * MODELING OF PROFESSIONAL GROWTH ACTIVITIES

EDA 658 COMMUNITY LEADERSHIP

- * INVOLVEMENT OF FACULTY, STAFF, STUDENTS, PARENTS AND
THE COMMUNITY