Midland College
Master Syllabus
Fall 2026

ITSE 2358 – Oracle Database Administration II (3-1-0)

INSTRUCTOR: Joshua Lopez (Sec. CW01)

COURSE DESCRIPTION

A continuation of Oracle Database Administration I. Topics include recovery procedures, logical backups, standby database capabilities, and performance tuning of the Oracle Server. Common performance problems and the use of diagnostic tools to troubleshoot and optimize throughput will be discussed.

PREREQUISITE: ITSE 2356

STUDENT LEARNING OUTCOMES

Upon successful completion of the course, students will be able to:

- List the Oracle backup and recovery components
- Formulate a backup and recovery strategy
- Practice backup and recovery operations
- Use Oracle tools to diagnose performance problems
- Optimize and troubleshoot Oracle database performance

PARTICIPATION STATEMENT: Students must actively participate by completing an academic assignment by the official census date. Students who do not do so, may be dropped from the course.

REQUIRED COURSE MATERIALS: Will be current. Students should contact their instructor prior to purchasing the text and supplies to confirm required course materials.

STUDENT CONTRIBUTIONS, RESPONSIBILITES AND CLASS POLICIES: Will be posted by the instructor in individual course syllabus. Students should contact their instructor if they have any questions.

ACADEMIC INTEGRITY: Refer to Midland College's Scholastic Dishonesty and Academic Misconduct policy: https://www.midland.edu/about/public-info/scholastic-dishonesty.php

HONORS PROGRAM: Students interested in taking a course for honors credit, should contact their instructor. Refer to the Midland College Honors Program webpage for more details: https://www.midland.edu/academics/honors.php

DROPPING THE COURSE: Check the MC College Calendar for the last day to withdraw from the course and receive a "W." Please talk to the instructor before withdrawing.

EVALUATION OF STUDENTS: Will be posted by the instructor in individual course syllabus. Students should contact their instructor if they have any questions.

NON-DISCRIMINATION STATEMENT: Midland College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities. For information and inquiries

regarding Midland College's non-discrimination policies, go to:
https://www.midland.edu/about/tix/index.php

For further information on notice of non-discrimination, visit the ED.gov Office of Civil Rights website, or call 1 (800) 421-3481.

DISABILITY SUPPORT SERVICES: Any student who, because of a disabling condition, may require some special arrangements to meet course requirements should contact disabilities support services as soon as possible at: https://www.midland.edu/services-resources/accommodation-services.php

Conditions may include documented physical or educational disabilities. Please be aware that services or accommodations are not automatic. Each student must request them and secure the proper authorizations/documentation. Accessibility Links can be found on the Pages tab in Canvas.

BUSINESS & INFORMATION TECHNOLOGY DIVISION OFFICE CONTACT INFORMATION

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