

Midland College  
**MASTER SYLLABUS**

**DSVT 1300: Principles of Vascular Technology (3-1-0)**

**COURSE DESCRIPTION**

This course is an introduction to non-invasive vascular technology modalities. Includes 2D imaging, Doppler, plethysmography, and segmental pressures. Emphasis on performing basic venous and arterial imaging.

**PREREQUISITES AND/OR COREQUISITES**

DMSO 1342

**STUDENT LEARNING OUTCOMES**

Upon successful completion of the course, the student will:

1. Demonstrate competency in performing basic non-invasive vascular examinations, including venous and arterial imaging using 2D imaging, Doppler, plethysmography, and segmental pressures.
2. Describe standard protocols for conducting non-invasive vascular studies with an emphasis on peripheral vascular exams.
3. Apply measurement and grading criteria to assess vascular health and identify abnormalities in arterial and venous studies.
4. Evaluate patient history and laboratory data as it relates to vascular sonographic examinations.
5. Perform vascular imaging procedures with ergonomic scanning techniques while adhering to professional and safety standards.
6. Analyze sonographic findings to distinguish between normal and abnormal vascular structures and flow patterns.

**STUDENT CONTRIBUTIONS, RESPONSIBILITIES, AND CLASS POLICIES**

Will be provided by the instructor in the individual course syllabus. Students should contact their instructor with any questions.

**EVALUATION OF STUDENTS**

Will be provided by the instructor in the individual course syllabus. Students should contact their instructor with any questions.

**COURSE SCHEDULE**

Will be provided by the instructor in the individual course syllabus. Students should contact their instructor with 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>

## **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**

Midland College provides support services for students with disabilities through Student Services. To request accommodations, students must visit <https://www.midland.edu/services-resources/accommodation-services.php> and complete the required steps.

**Accommodations are not automatic; students must apply and be approved each semester.**

## **GRIEVANCES AND COMPLAINTS**

Students are encouraged to raise concerns as early as possible. Start by speaking with your instructor. If that is not feasible, you may contact the Department Chair, followed by the Dean of Allied Health. If needed, students may proceed with the formal complaint process.

## **LICENSURE ELIGIBILITY NOTIFICATION**

Completion of a Midland College program does not guarantee eligibility for licensure or certification exams. Eligibility is determined individually by each regulatory agency.

If you have a criminal conviction (other than minor traffic violations), a physical or mental health condition, hospitalization/treatment for chemical dependency within the past five years, or previous licensure actions, contact the relevant agency for guidance.

## **[DIVISION OFFICE CONTACT INFORMATION](#)**