

# HLTH1255 | Advanced Phlebotomy Competency and Certification Preparation General Course Syllabus | Fall 2026

## Course Information

**Course Description:** This advanced course builds upon foundational phlebotomy knowledge to develop mastery of specimen collection and professional practice skills. Students perform venipunctures and capillary punctures under direct supervision, complete a minimum amount of successful blood draws, and demonstrate competencies aligned with the American Medical Technologists (AMT) Registered Phlebotomy Technician (RPT) examination. Emphasis is placed on quality assurance, workflow organization, patient interaction, legal and ethical standards, and preparation for national certifications

## Required Text(s) & Learning Tools:

*Phlebotomy: A Competency Based Approach*

Author: Kathryn Booth

ISBN10: 126415626X | ISBN13: 9781264156269

This course requires use of the textbook along with McGraw Hill's online learning platform, Connect, for assignments and coursework.

Students will also use **SHARPEN**, a free study app designed to support learning through practice quizzes and review activities. Please register using your Lakeland email address:

<https://studysharpen.com/>

**Course Rationale:** Integrates advanced skill development and competency assessment within a structured laboratory format. This design ensures students meet AMT RPT certification requirements and achieve the level of proficiency expected for entry-level phlebotomy practice.

## Course Outcomes:

1. Reinforce and expand upon the principles and techniques of venipuncture and capillary puncture introduced in Phlebotomy Fundamentals and Techniques.
2. Develop advanced phlebotomy skills necessary for accurate specimen collection and processing in clinical settings.
3. Integrate quality assurance, safety, and infection-control concepts into clinical decision-making and workflow management.
4. Strengthen professional communication and ethical reasoning when interacting with patients, peers, and supervisors.
5. Apply critical-thinking and problem-solving skills to identify and correct specimen collection or processing errors.
6. Reinforce proper documentation, data management, and laboratory organization.
7. Prepare students for the AMT Registered Phlebotomy Technician (RPT) certification exam and entry-level employment.

**Methods of Evaluation may include:**

- Quizzes and written examinations
- A comprehensive final exam
- Homework and/or workbook assignments
- Discussion board participation (if applicable)
- Case study analysis or application-based assignments
- Written assignments or short papers
- Projects or presentations (individual or group)
- In-class activities and participation
- Laboratory activities and performance-based skill competencies

Specific grading breakdowns and policies will be outlined in individual instructor syllabi.

## General Course Schedule (Overview)

### HLTH1255 | Advanced Phlebotomy Competency and Certification Preparation

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#### **Week 1 — Review & Safety Refresher**

Review key concepts from Ch 2–8

Ch 12 Quality Essentials (applied)

- QA & workflow
  - Pre-analytical error prevention
  - Certification expectations
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#### **Week 2 — Advanced Venipuncture Techniques**

Ch 9 Venipuncture

- Routine venipuncture
  - Difficult draws
  - Complications & troubleshooting
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#### **Week 3 — Advanced Dermal Puncture**

Ch 10 Dermal Puncture

- Finger & heel sticks
  - Pediatric/geriatric considerations
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#### **Week 4 — Advanced Specimen Handling**

Ch 11 Specimen Handling

- Chain of custody
  - Special handling
  - Centrifugation
  - Specimen rejection
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#### **Week 5 — Special Phlebotomy Procedures**

Ch 13 Special Procedures

- Blood cultures
  - Glucose testing
  - Arterial puncture overview
  - Blood bank collections
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## **Week 6 — Non-Blood Specimens**

### Ch 14 Non-Blood Specimens

- Urine, stool, sputum
  - Swabs
  - 24-hour urine
  - Patient instructions
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## **Week 7 — Waived Testing & POCT**

### Ch 15 Waived Testing

- CLIA waived testing
  - POCT glucose
  - Rapid testing
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## **Week 8 — Professional Practice & Certification Prep**

### Ch 16 Professional Behavior

- Communication
- Diversity & professionalism
- Legal & ethics
- Certification review & mock exam

