It is the policy of the organization that equal opportunities be available to all without regard to race, color, sex, religion, national origin, age, disability, sexual orientation, or veteran status. This policy applies in all phases of an individual’s career, beginning with the initial application process, recruitment and selection, placement, job change, compensation, discipline, and separation.

In order to affirm this policy, the organization subscribes to the following principles: the organization will recruit, hire, train, and promote individuals without regard to race, color, sex, religion, national origin, disability, sexual orientation, or veteran status.

All personnel actions regarding compensation, benefits, job changes, training, educational assistance, etc. will be administered without regard to race, color, sex, religion, national origin, age, disability, sexual orientation, or veteran status. The Director of Employment and Employee Relations will be responsible for ensuring that policies are enforced in a manner consistent with this goal.

The organization has a staff of Human Resource Consultants who are available to consult with any job applicant or employee who has questions or issues concerning the application of this policy.

The information contained in this document was accurate at the time of printing and is subject to change without notice.

Publication Date: 2006
Revision Date 12/16; Printing Date 12/16
Health Sciences Education
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Academic Calendar
Pharmacy Technician Program
2017-2018

Application Deadline: May 31, 2017
Notifications made week of: July 3, 2017
Core Tuition payment due by: August 28, 2017
Orientation: August 28, 2017
Core Courses Begin: August 29, 2017
Labor Day Holiday-No Classes: September 4, 2017
Thanksgiving Holiday-No Classes: November 23 & 24, 2017
Core Courses End: December 15, 2017
Holiday Break: December 18-January 5, 2018
Level 1 Tuition payment due by: January 8, 2018
Level 1 Courses Begin: January 8, 2018
Clinical Rotations Begin: March 19, 2018
Courses End: May 10, 2018
Graduation: May 10, 2018
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Instructional Delivery

Most portions of this program are taught in a classroom lecture or lecture/lab combination. The Career Exploration course includes field trips to various sites that are of interest to the pharmacy technician student. Experiential courses include time spent in both inpatient and outpatient pharmacy practice sites. No portion of the courses or program is offered via distance learning education.

Listing of Officers

Dennis Murphy, MHA  Mark Mattes, JD
President & CEO  Director
Indiana University Health  Academic Affairs

Jonathan Gottlieb, MD  Cheryl Oliver, MS, AT (ASCP)
Executive Vice President and CMO  Manager
Academic & Medical Affairs  Health Sciences Education

Faculty

Melynda Ludwick, BS, RPh
Pharmacy Technician Program Director

Jennifer Fox-Lee, BA, CPhT
Pharmacy Technician Program
Clinical Coordinator
About Indiana University Health

Indiana University Health is Indiana’s most comprehensive healthcare system. A unique partnership with Indiana University School of Medicine, one of the nation’s leading medical schools, gives patients access to innovative treatments and therapies. IU Health is comprised of hospitals, physicians and allied services dedicated to providing preeminent care throughout Indiana and beyond.

- Total admissions: 129,612
- Total outpatient visits: 2,911,610
- Total team members: 28,087

National Recognition

- Indiana’s only healthcare system to be nationally ranked by U.S. News & World Report 19 years in a row.
- Riley Hospital for Children at IU Health is nationally ranked in 10 pediatric specialties by U.S. News & World Report.
- IU Health was among the 3% of U.S. hospitals to earn a national ranking.
- IU Health is designated as a Magnet® hospital system by the American Nurses Credentialing Center recognizing excellence in nursing care.

Student Resources

1. **Food** – Various food options are available throughout and around the hospitals.
2. **Lounges** – Students may use the employee and student lounge in Wile Hall. Students, as well as employees, are NOT permitted to use any visitor or patient lounges. Adherence to this hospital policy is required.
3. **Parking** – Students will be provided temporary hangtags which allow them to park in employee surface parking lots. Parking garages which connect to the hospital are also available for a fee. Any parking tickets issued for violations must be paid by the student prior to graduation.
4. **Library** – The library and media center are located on the first floor in the Methodist Professional Center.
5. **References** – Departmental collection of reference books and professional journals are available.
6. **Career Center** – Computer-assisted instruction is available.
7. **Occupational Health** – All injuries, no matter how small, must be reported to your Program Director immediately to be referred to the appropriate Occupational Health Center.
Nature of the Work: What Pharmacy Technicians Do
Pharmacy technicians perform a combination of duties to assist pharmacists in hospital or retail settings. A pharmacy technician may:
- Assist with functions required for prescription processing including: answering telephones, taking refill orders, receiving prescriptions, entering prescriptions into the pharmacy computer system, selecting medications and preparing the prescription for the pharmacists’ final check. (retail setting)
- Interpret medication orders from product labels, obtain and prepare correct medications for distribution.
- Prepare non-sterile compounds, IV admixtures using aseptic technique, tube feedings, investigational drugs, controlled substances and cytotoxic/hazardous drugs (hospital setting)
- Serve as a liaison to third party payers, patients, families, physicians and nurses.
- Work with other team members to minimize the potential for medication errors.
- Maintain knowledge of computers and automated dispensing systems and troubleshoot problems when they occur.
- Place medication orders, receive stock and maintain adequate inventory levels.

Working Conditions
Pharmacy technicians work in well-lighted, clean environments. They often interact with other people and may have to handle several responsibilities at once. Most full-time pharmacy technicians work a 40-hour week, including evenings and weekends. Because pharmacy technicians generally deal with the public, they must be neat, well groomed, courteous, and pleasant. Pharmacy technicians must be able to put patients at ease. They must respect the confidential nature of medical information. Duties require them to be observant, organized, dedicated, and responsible. They must enjoy precise work—details are sometimes a matter of life or death. They must have a reasonable level of manual dexterity and visual acuity.

Employment and Job Outlook
More than 587,536 pharmacy technicians have passed the national certification exam as of 2015 (per the PTCB website, PTCB.org). Indiana has 4,859 nationally certified pharmacy technicians as of September 30, 2016.
The employment of pharmacy technicians is expected to grow faster than the average for all occupations at 9% from 2014 to 2024. (www.bls.gov) This is due to:
- technological advances in medicine
- a growing aging population that generally uses more medications
- focus by the pharmacists on patient counseling, and providing clinical and provider services. This requires qualified technicians to assist with dispensing, recordkeeping, and medication reconciliation.
- an increase in the number of group practices, clinics, and other health care facilities that need a high proportion of support personnel
Training and Certification
Most employers prefer to hire pharmacy technicians who have already received formal training, although some employers offer on-the-job training programs.

All pharmacy technicians must apply for and receive a pharmacy “technician in training” certification from the Indiana Board of Pharmacy. A background check and finger printing is required by the board before the training permit will be issued. This permit is required before students may begin IU Health’s Pharmacy Technician Level I courses.

National certification is available through the Pharmacy Technician Certification Board (PTCB). Certification is the process by which a non-governmental association or agency grants recognition to an individual who meets certain predetermined qualifications specified by that association or agency. The PTCB was established in 1995 to create one consolidated voluntary national certification program for pharmacy technicians. The PTCB is responsible for the development and implementation of policies related to voluntary national certification for pharmacy technicians.

Accreditation
Indiana University Health is accredited for pharmacy technician training by ASHP/ACPE. IU Health’s pharmacy technician program is Indiana’s first nationally accredited pharmacy technician training program.

American Society of Health System Pharmacists
7272 Wisconsin Avenue
Bethesda, MD  20814
Phone:  (866) 279-0681

Accreditation Council for Pharmacy Education
135 S. LaSalle St. Suite 4100
Chicago, IL  60603-4810
Phone: (312) 664-3575

Indiana University Health is accredited by:
The Joint Commission
One Renaissance Blvd.
Oakbrook Terrace, IL  60181
Phone: (630) 792-5000

and is licensed by:
Indiana State Department of Health
2 North Meridian Street
Indianapolis, IN  46204
Phone: (317) 233-1325
Earnings
The earning potential for pharmacy technicians varies widely and depends on experience, skill level, and geographic location. IU Health’s rates are highly competitive both locally and nationally. Typically, IU Health Pharmacy Technicians earn between $13.41/hr. and $16.10/hr. (These figures do not include any shift, weekend, or holiday differential.)* Pharmacy technicians who become nationally certified receive an incrementally higher wage as a result of this achievement. IU Health’s Pharmacy department has established a career ladder for Pharmacy Technicians, offering the opportunity for advancement and pay increases.


* This information is subject to change without notice. It was accurate when this document went to press.
Admission Criteria

To qualify for IU Health’s Pharmacy Technician program, you must complete the admission process, be selected, and be formally admitted to the program. The admission process includes submission of an Application for Admission, other required forms, and a non-refundable $30 processing fee. The admission process may also include a personal interview.

Before you Start the Process
Be sure you:

- Have earned your high school diploma or GED certificate.
  We require official transcripts as part of the application process. If you are a high school senior who is expecting to graduate, your acceptance into the program is contingent upon receipt of your final official high school transcript. Your transcript must be from an accredited high school, or a GED certificate is required.

- Are prepared and able to do college-level work.
  Although you are not required to take college courses before applying to this program, the admission committee pays careful attention to your high school science and math grades (also any health occupations courses that you take). If time permits, we strongly suggest that you take one or more relevant courses before applying to this program, such as Medical Terminology, Anatomy & Physiology, and Medical Law & Ethics at an accredited college. IU Health offers an Anatomy & Physiology course each April and August. Taking any of the above mentioned courses enhances your knowledge and qualifications. You may also be eligible for a course exemption.

- Can meet the physical requirements of this profession.

- Read this booklet completely and understand all the forms you need to apply.

Admission Requirements
To be considered for entrance into this program, you must:

- Submit official proof of completing a high school diploma or GED certificate.

- Be at least 18 years of age by November 1st of the academic program year.

- Complete the application packet and turn it in to the program director, or Health Sciences Education Center by the application deadline.

- Include a non-refundable $30 processing fee with your application.

- Ensure that your candidate reference forms reach the program director or Health Sciences Education Center.

- Successfully pass a background check and drug screen.(after acceptance)

- Successfully pass basic math and English proficiency assessments.

- Be able to physically do what is required of pharmacy technicians.

- **Be a US citizen or have a permanent residence card/visa. Documentation may be requested.**

  - Be eligible to obtain an Indiana Pharmacy Technician-in-Training permit from the Indiana Board of Pharmacy. Information on eligibility can be found at [http://www.in.gov/pla/2898.htm](http://www.in.gov/pla/2898.htm).

If you are a person for who English is a second language and/or your transcripts are not from the United States, you will need to take the TOEFL test. TOEFL testing information (including dates, cost, and locations) can be found at [www.ets.org/toefl](http://www.ets.org/toefl).
Course Exemptions/Waivers
After you have been accepted into the program, you may request a course exemption/waiver. Requests for course exemptions/waivers may not be considered after the first day of classes.

All course exemptions are granted at the program director’s discretion.

There are three ways to document your request for course exemption.

1. If your request is based on prior college-level work at an accredited institution, your official transcript must show a “B” or above in the course(s) you are presenting for consideration. Grades must have been earned within the last five (5) years or less.
   
   Note: If necessary, you are responsible for providing pertinent course descriptions or copies of the college catalogue(s) if further documentation is needed to facilitate your request for course exemption.

2. If your request is based on transcripts from accredited schools who issue numeric grades, the course(s) you are presenting for consideration must show a numeric grade of 80% or above. Grades must have been earned within the last five (5) years or less.

3. If you are requesting a course exemption based on prior work experience or on course work that you completed more than five years ago, the exemption will be granted at the discretion of the program director.

If you are granted a course exemption, you will not be taking the course with the program and your tuition will be reduced accordingly.

Notification
You will be notified in writing whether you are accepted into the program or not. If you are not accepted into the program, you will need to repeat the application process for consideration in future programs.

Falsification of your application or other admissions documentation or failure to provide complete and accurate information may result in your termination from the program.

Acceptance
If you are accepted into the program, you will receive an acceptance packet. Acceptance is contingent upon the return of the documents which are included in your acceptance packet, such as:

- your signed program technical standards form, which indicates that you are capable of doing all that the program demands of you physically, with or without accommodation
- your signed enrollment agreement
- your non-refundable $100 service fee

Failure to return any of these items by the due date may result in your seat being given to someone else.
Background Check and Drug Screen
If you are selected to be in this program, your acceptance will be based upon your ability to pass a criminal background check and drug screen. The acceptance packet will contain information on the process of how you will complete both the background check and drug screen. Please be sure to list any and all violations that may appear on the background check. This includes any traffic violations. Failure to pass the background check and drug screen may disqualify you from entering the program.

Having a criminal conviction does not automatically disqualify you from entering this program; however, certain convictions will disqualify you. These limitations are imposed for the safety and well-being of IU Health patients, employees, visitors, and volunteers. Your record will be evaluated on an individual basis. Additionally, in order to obtain an Indiana technician license from the Indiana Board of Pharmacy, you cannot have a conviction of a crime that has a direct bearing upon your ability to work with legend drugs or controlled substances.

Some clinical sites may require an additional drug screen before beginning clinical rotations. Be advised that drug screens are also part of pre-employment physicals at many organizations, particularly health care facilities.

If you are an IU Health employee, you may not be required to undergo an additional background check or drug screen for admittance into the program. Please refer to HR policy HR-103 to see how this may affect you.

Enrollment Agreement
Students accepted into the Pharmacy Technician Program will be required to sign an enrollment agreement outlining specifics of the program. Once you have signed the agreement, you will have three business days to cancel for a full refund of all tuition and service fees paid.

Program Technical Standards
Also included in the acceptance packet is a list of technical standards required for being a student in this program. This includes the ability to:

• read, write, understand, and verbally communicate in fluent English
• stand, walk, or sit for up to 8 hours a day, 5 days a week
• carry, reach, stoop and lift up to thirty (30) pounds
• have good manual dexterity (handling needles and syringes, using forceps to move an object, using a computer keyboard)
• have visual acuity (on your own or with corrective lenses) that enables you to read medication labels and prescriptions
• discern and differentiate color correctly, without color blindness (to recognize differences in pills and colors of solutions. Deteriorated pills or solutions may change slightly in color.)
• have the auditory acuity (on your own or with auditory aids) to understand a normal speaking voice without seeing the speaker’s face
• question a patient, relay information to others, and receive information
• work in a sometimes stressful situation and maintain a calm demeanor in an emergency
• protect patient confidentiality
• wear scrubs up to a size 4x
**Immunization Clearance**
Students are required to have an immunization clearance. This clearance requires documentation of multiple vaccines or titers, including but not limited to the following: MMR, varicella, Tdap, PPD screen and flu. The cost of some required vaccinations and/or titers are the student’s responsibility. More detailed information on the requirements will be distributed during orientation. For additional information prior to admission, contact the program director.

**Personal Health Insurance**
If you do not have insurance, you will need to sign a waiver of insurance form during orientation. Indiana University Health does not provide any health care or major medical insurance coverage for a student while in the program.

**Change in Student Status**
If a situation arises such as pregnancy, family emergency, illness or injury that will prevent you from attending classes or clinical experiences for an extended period of time, you must notify the program director immediately. You will be counseled individually to plan the best course of action for your circumstances. Be advised that any such delays in your training may prevent you from continuing the program.

**Graduation Policy**
To graduate from the program, you must
- Complete all requirements established for the program in the prescribed amount of time.
- Return all instructional materials and other IU Health property in satisfactory condition.
- Meet all financial obligations to the program and to IU Health.
- Adhere to all class, program, department, and hospital policies and procedures.

**Employment/Placement Assistance**
This program includes sessions on resume writing, interviewing skills, and using IU Health’s online HR system. The program also assists in job placement as needed. *However, completion of this program does not guarantee employment at IU Health or elsewhere.*

**Professional Image**
It is incumbent on each individual who wears an IU Health identification badge to maintain a professional image in terms of both conduct and appearance.
- Jewelry will be kept to a minimum (e.g., no more than 3 earrings in one ear).
- Non-traditional body jewelry (e.g., tongue, eyebrow, lips, and nose) may not be worn.
- Tattoos are to be covered.
- Hair will be neatly styled and groomed. Shaggy or unsightly hair or non-traditional hair coloring (green, blue, purple, red, etc.) is inappropriate.
- Students are expected to conduct themselves in a courteous and conscientious manner at all times.
Fee Information

Tuition Fees fall into one of two Categories Internal or External

Internal
An employee of IU Health or a subsidiary corporation of IU Health qualifies for the internal tuition rate of $1.46 per contact hour. You can be a full-time or part-time employee to qualify for the internal tuition rates.

External
Anyone who is not employed by IU Health or any of its subsidiary corporations (full or part-time) must pay the external tuition rate of $2.86 per contact hour.

If you are unsure which category you qualify for, call 317-962-5470 for clarification.

Pharmacy Technician Program Tuition Fees (all fees are subject to change)

<table>
<thead>
<tr>
<th></th>
<th>2 Semesters</th>
<th>Length</th>
<th>Dates</th>
<th>Payment Due</th>
<th>Tuition</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Semester</td>
<td>315 contact</td>
<td>16 wks</td>
<td>August – December</td>
<td>On or before Orientation in August*</td>
<td>Internal: $459.90</td>
</tr>
<tr>
<td>“Core Courses”</td>
<td>hours</td>
<td></td>
<td></td>
<td></td>
<td>External: $900.90</td>
</tr>
<tr>
<td>2nd Semester</td>
<td>540 contact</td>
<td>18 wks</td>
<td>January – May</td>
<td>On or before the first day of Level I in January*</td>
<td>Internal: $788.40</td>
</tr>
<tr>
<td>“Level I &amp; Clinical Courses”</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>External: $1544.40</td>
</tr>
<tr>
<td>Total Program</td>
<td>855 contact</td>
<td>9 months</td>
<td>*(see academic calendar)</td>
<td></td>
<td>Internal: $1248.30</td>
</tr>
<tr>
<td>Tuition Fees</td>
<td>hours</td>
<td></td>
<td></td>
<td></td>
<td>External: $2445.30</td>
</tr>
</tbody>
</table>

Books and Scrubs
Book and scrub costs are in addition to the tuition fee and range from $600 to $800. A book list and possible vendors will be provided upon acceptance into the program. Scrubs will need to be purchased for the program. Information regarding scrubs will be discussed in detail during orientation. You will be taking the national Pharmacy Technician Certification Exam (PTCE) at the end of the program. The fee for this exam is approximately $130. This fee will be due in January along with the 2nd Semester: “Level I & Clinical Courses” tuition. All costs are subject to change.

Technician Training License
All students are required to obtain the training license before beginning Level 1 courses. The cost is approximately $75.00. This cost includes an additional background check and finger printing that is required by The State Board of Pharmacy. The IU Health background check is not accepted by the State. This fee is paid directly to the state and the agency that completes the screening for the state.
Payments
Upon your acceptance into the program, a non-refundable $100 service fee is due to hold your position in the program.

Tuition payments are processed each semester.

<table>
<thead>
<tr>
<th>Semester</th>
<th>Duration</th>
<th>Semester Dates</th>
<th>Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Semester “Core Courses”</td>
<td>16 wks</td>
<td>August – December</td>
<td>Orientation in August*</td>
</tr>
<tr>
<td>2nd Semester “Level I Courses”</td>
<td>18 wks</td>
<td>January – May</td>
<td>the first day of Level I in January*</td>
</tr>
</tbody>
</table>

* see academic calendar for specific date.

Fees and tuition may be paid by cash, money order, cashier’s check, MasterCard, VISA or Discover. (No personal checks accepted)

Financial Assistance
Several forms of financial assistance may be available for this program.

- This program is not eligible for Title IV funding or other funding obtained by completing the FAFSA form.

- The IU Health Pharmacy Technician program has received approval for those with GI Bill educational benefits. Start this process as soon as possible through the VA office at 1-888-442-4551 or www.gibill.va.gov.

- Based on eligibility you may meet the requirements for other forms of assistance. Visit your nearest WorkOne Center to talk with a case manager about this. This is a multistep process that requires your initiative to follow up on a timely basis, so start the process as soon as possible. To locate the nearest WorkOne Center visit their website at www.workoneindy.com.

- Options may exist in addition to the ones mentioned. You may be eligible for more than one type of tuition assistance. It is your responsibility to explore all options. Some forms of assistance take longer to determine eligibility than others. Start this process as early as possible.

- Be aware that financial assistance may be considered taxable income.
Refunds
If you determine that it’s necessary to voluntarily terminate from the program, you should notify the program director in writing as soon as possible. Your termination will become effective immediately upon the program director’s receipt of written notice. Part of the fees you paid may be refundable, based on when the termination occurs. Fees paid by third parties will be refunded to the third party who paid them.

Similarly, if a third party is paying your tuition, that funding source is held accountable for paying whatever portion of your tuition that is not refundable.

If you terminate from the program within three business days of signing the enrollment agreement, you will be entitled to a full refund of all tuition and registration fees paid. The only money not returned to you is the non-refundable $30 application fee.

If you terminate from the program more than three business days after signing the enrollment agreement, some fees are not refundable.

To calculate what is refundable, take the total cost of program fees paid each semester and subtract the $100 program registration fee.

Then determine what’s refundable according to the figures below:

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>100%</td>
<td>prior to the start of each semester</td>
</tr>
<tr>
<td>80%</td>
<td>during the first week of each semester</td>
</tr>
<tr>
<td>60%</td>
<td>during the second week of each semester</td>
</tr>
<tr>
<td>40%</td>
<td>during the third week of each semester</td>
</tr>
<tr>
<td>0%</td>
<td>after the third week of each semester</td>
</tr>
</tbody>
</table>

As you can see above, you may lose a substantial amount of money if you start classes and then decide to terminate. You may still be responsible for paying part or all of the tuition costs, depending on when you terminate.

Although failure to attend class is not considered adequate notification of termination, your enrollment may automatically be terminated after three consecutive days of absence without notification. If you fail to give the program director notice of termination, any refunds will be based on the last date you attended class.
**Termination from the Program**

Termination from a program occurs when the student voluntarily or involuntarily terminates from the program. Voluntary termination is when the student chooses to withdraw from the program. Involuntary termination is when the program faculty makes a decision to dismiss the student from the program.

The following are grounds for involuntary termination:

- Violation of Code of Ethics and Professional Conduct Policy. (see student handbook)
- Failure to maintain the required level of academic achievement.
- Violation of the program’s attendance policy. (see student handbook)

Acts subject to immediate involuntary termination include but are not limited to:

- Falsification of records.
- Violation of Confidentiality Policy. (see student handbook)
- Violations of code of Ethics and Professional Conduct Policy, depending upon the severity of the infraction. (see student handbook)

If voluntary termination from the program becomes necessary, the student must notify the program director as soon as possible so that arrangements for formal termination can be made. An official termination form must be completed.

If readmission to the program is requested, the student must reapply to the next class. A decision regarding readmission will depend on past program performance (prior to termination), the student’s current situation as well as Health Sciences Education’s ability to accommodate reentry. Readmission is at the program director’s discretion. If you are readmitted, the program director may require you to repeat courses or clinical time. *Be aware that there is no guarantee of readmission after termination.*
Academic Information

Duration
IU Health’s Pharmacy Technician program’s academic year is nine months in length (855 contact hours), divided into two semesters.

The first semester (The Core Curriculum), is 16 weeks long (August – December), with at least one-week break at its end. The second semester (Level I courses and Clinicals) is 18 weeks long. Level I runs January – March and Clinical Rotations run March-May. [See pages 17-19 for a list of all required courses for this program.]

Courses and clinical rotations are scheduled during the day Monday through Friday at various locations on and off the IU Health campus. Typical classroom hours are 8:00 am to 3:30 pm. Clinical Rotation times may vary depending on the site. The scheduled course hours fill a typical work day but your training goes far beyond that. You must be committed not only to consistent attendance during courses and clinical rotations, but also to devoting a significant amount of evening and weekend time for studying, doing homework, and completing projects and assignments.

Before you can progress to Level I courses, you must:
• complete and pass all Core courses with a final grade of 80% or better
• have paid in full all Core courses tuition
• submit tuition payment for Level I courses

Satisfactory Performance, Progress, and Attendance
As a student, you are expected to abide by all policies and procedures established for this program. These are explained in the Student Handbook, which you will receive during Orientation. You are expected to perform satisfactorily and progress through the program in the prescribed period of time (two semesters in nine months).

“Satisfactory performance and progress” includes:
• Meeting academic standards
  This means maintaining:
  ♦ at least an 80% average or better for all courses and performance-based activities
• Meeting attendance and behavioral standards and expectations
  This means maintaining:
  ♦ consistent attendance without tardiness (see student handbook: Attendance Policy)
  ♦ a willingness to learn
  ♦ a spirit of cooperation as a member of the IU Health team
  ♦ a professional demeanor and polished communication skills that reflect positively on yourself, the program, and the institution that you represent
  ♦ the utmost respect for your fellow students, the patients you encounter, the instructors, preceptors, and other health care professionals with whom you interact
  ♦ patient confidentiality
  ♦ and other behavioral standards detailed in your Student Handbook (i.e. Professional Image, Non-smoking policy, etc)
Grades and Competency Levels
Each course has criteria or procedures for monitoring your progress. These include written and practical examinations, clinical evaluations, proficiency assessments, and other projects and assignments. You are expected to demonstrate satisfactory progress in order to complete the course in the prescribed amount of time. Failure to demonstrate satisfactory progress may result in probation or your termination from the program. Satisfactory progress is defined as an 80% grade in each course in which you are enrolled.

Unsatisfactory progress may result in remediation, an incomplete grade or a failing grade in a course. The faculty will counsel you if you have academic difficulty. The faculty may also refer you to appropriate source(s) for further guidance, if needed.

A failing final grade in any course will result in involuntary termination from the program.

The grading scale is: 100-93% A
92-85% B
84-80% C
below 80% F (failing)
A grade of D is not given in this program.

Progress reports are issued at midterm, at the end of each semester, and one week following the completion of classes.

Interventions and Possible Restrictions
If you fail to maintain satisfactory performance and progress, a series of interventions and related restrictions may apply. Intervention strategies and restrictions could include, but are not limited to:
1. required counseling and/or tutoring sessions
2. probation for a specific period of time
3. termination from the program

Satisfactory academic progress is restored when you successfully reestablish:
• an 80% average in each course and performance-based activities
• the level of attendance and professionalism that’s required and expected for a health care professional.

If you are terminated from the program for any reason, you must reapply for admission to the next program offering in order to continue your studies. Before applying for readmission, you must meet with the program director to review recommendations for improvement and strategies to overcome deficiencies. Be aware that there is no guarantee of readmission after termination from the program.
# Courses and their Descriptions

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Contact Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CORE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>03-40-100</td>
<td>Pharmaceutical Calculations I</td>
<td>30</td>
</tr>
<tr>
<td>03-00-110</td>
<td>Medical Terminology</td>
<td>45</td>
</tr>
<tr>
<td>03-00-120</td>
<td>Anatomy &amp; Physiology</td>
<td>90</td>
</tr>
<tr>
<td>03-00-130</td>
<td>Medical Law &amp; Ethics</td>
<td>45</td>
</tr>
<tr>
<td>03-40-150</td>
<td>Pharmacy Practice for Pharmacy Technicians</td>
<td>60</td>
</tr>
<tr>
<td>03-40-155</td>
<td>Pharmacy Practice Laboratory</td>
<td>15</td>
</tr>
<tr>
<td>03-40-160</td>
<td>Introduction to Pharmacology</td>
<td>30</td>
</tr>
<tr>
<td>LEVEL I</td>
<td></td>
<td>315</td>
</tr>
<tr>
<td>03-40-210</td>
<td>Pharmacology for Pharmacy Technicians</td>
<td>75</td>
</tr>
<tr>
<td>03-40-220</td>
<td>Sterile Products Laboratory and Observation</td>
<td>75</td>
</tr>
<tr>
<td>03-40-230</td>
<td>Dispensing Laboratory</td>
<td>50</td>
</tr>
<tr>
<td>03-40-240</td>
<td>Pharmaceutical Calculations II</td>
<td>40</td>
</tr>
<tr>
<td>03-40-250</td>
<td>Career Exploration and Certification Exam Review</td>
<td>44</td>
</tr>
<tr>
<td>03-40-310</td>
<td>Clinical Practicum for the Pharmacy Technician</td>
<td>256</td>
</tr>
<tr>
<td></td>
<td></td>
<td>540</td>
</tr>
<tr>
<td>TOTAL CONTACT HOURS</td>
<td></td>
<td>855</td>
</tr>
</tbody>
</table>

IU Health is accredited for pharmacy technician training by the American Society of Health-System Pharmacists.

## COURSE DESCRIPTIONS

### Core Courses

#### 03-40-100 Pharmaceutical Calculations I (30 contact hours)
This course reviews basic math skills including fractions, decimals, percentages, ratios, proportions, and setting up equations to solve for an unknown. Metric abbreviations and conversions to other systems are explained. Calculations for drug dosages, percent solutions, IV infusions, and drip rates are introduced. (no pre-requisites)

#### 03-00-110 Medical Terminology (45 contact hours)
This course studies prefixes, root words, combining forms, and suffixes of medical terms needed to work in the medical field. It helps the student understand how terms are put together, their meanings, and their spelling. All body systems, basic diagnostic and imaging procedures, as well as pharmacological terms and abbreviations are covered. (no pre-requisites)

#### 03-00-120 Anatomy & Physiology (90 contact hours)
This course studies the structural systems of the human body and principles of human physiology. It helps the student understand body organization at different levels, the importance of the body’s chemical processes, and the various organ systems involved. Related conditions and diseases of each system are taught. (no pre-requisites)
03-00-130 Medical Law and Ethics (45 contact hours)
This course is an introduction to the legal side of medicine and to ethical principles. It includes a foundation of law in order to help prevent medical malpractice litigation by exposing the student to such legal concepts as: standard of care, scope of practice, employment, criminal and civil acts, contracts, and negligence. (no pre-requisites)

03-40-150 Pharmacy Practice for Pharmacy Technicians (60 contact hours)
This course introduces the student to the practice of pharmacy, its history, and the pharmacy technician’s role within the pharmacy profession. Students gain understanding of the term “pharmaceutical care” and the differing responsibilities of pharmacists and technicians. Federal and state guidelines concerning workplace safety and laws governing drug storage, distribution and record-keeping are explained. Various practice settings and drug distribution systems are introduced. The importance of quality assurance, ethics and patient confidentiality are emphasized. Inventory control, purchasing, and the formulary system are also incorporated in this course. Understanding diverse patient populations and developing effective communication and interpersonal skills are introduced. (no pre-requisites)

03-40-155 Pharmacy Practice Laboratory (15 contact hours)
This course correlates lectures with practical exercises in a laboratory setting. Examples of exercises include inventory control, assisting the pharmacist with vaccinations, role playing, communication skills, microbiology, medication reconciliation and use of pharmaceutical references. Students will also gain an understanding of the importance of cultural sensitivity and diverse patient populations. (no pre-requisites)

03-40-160 Introduction to Pharmacology for Pharmacy Technicians (30 contact hours)
This course introduces the student to the basics of pharmacology. The Top 200 plus medications are the focus of learning. For each drug: the brand and generic name, drug class and standard pronunciation are studied. (no pre-requisites)

Level I Courses
03-40-210 Pharmacology for Pharmacy Technicians (75 contact hours)
This course focuses on the therapeutic modalities, chemical properties, adverse effects, storage and dispensing requirements of drugs used in treating diseases of the various systems of the human body. Discussions include the diseases associated with each system and the drugs involved in treatment. Further study of commonly prescribed medications including brand and generic names, drug classification and common side effects are examined. (pre-requisite all core courses)

03-40-220 Sterile Products Laboratory and Observation (75 contact hours)
This course correlates lectures with practical exercises in a laboratory setting before actual on-site experiential training commences. It includes laboratory experience in mixing products under a laminar flow hood, practicing good sterile technique, and using IV admixture equipment. Principles of sterile technique are emphasized. (pre-requisite all core courses) Students spend time observing in various practice sites throughout level one courses.
03-40-230 Dispensing Laboratory (50 contact hours)
This course correlates lectures with practical exercises in a laboratory setting before actual on-site experiential training commences. It includes computerized applications of prescription data entry, record keeping and hands-on experience with drug distribution systems. The student learns the steps involved in the drug distribution system, from collecting and organizing patient information to labeling the product for the pharmacist to check. Extemporaneous compounding is also included in this course. (pre-requisite all core courses)

03-40-240 Pharmaceutical Calculations II (40 contact hours)
This course covers mathematics that are specific to pharmaceutical medications, including dose calculations, household and metric pharmacy measurements, temperature conversions, application of metric measurements with ratios and proportions, calculating pediatric versus adult doses, determining and calculating IV infusion rates, and more. (pre-requisite all core courses)

03-40-250 Career Exploration and Certification Exam Review (44 total contact hours)
This course prepares the student to transition to the workplace. Issues regarding professionalism are discussed. Guidance is given with resume writing, interviewing skills, and the job search process. Field trips and other activities give students exposure to different career options in the pharmacy field. Preparation for the Pharmacy Technician Certification Exam is also included. (pre-requisite all core courses)

03-40-310 Clinical Practicum for the Pharmacy Technician (256 contact hours)
This course provides experience in actual clinical settings of inpatient, outpatient, and/or home care pharmacies. Under the supervision of a site preceptor and a clinical coordinator, the student trains in all aspects of technician responsibilities. Regular meetings are scheduled with the clinical coordinator for a continuing evaluation process for both the student and staff. (pre-requisite all core courses)

This is a nationally accredited hospital-based certificate program. IU Health does not award college credits for these courses. If you think you will continue your education in the future, retain this document along with your final grades from these courses and the certificate of completion for the program. Other learning institutions may require this information to determine transferability of course work.
Directions regarding the Application Packet

1) Read all these materials thoroughly to ensure that you qualify for the program.

2) Obtain an application packet.
   - Call our departmental secretary to request one be emailed or mailed to you: 317-962-5470
   - Go online to download an application packet at http://iuhealth.org/education/health-sciences/pharmacy-technician/
   - Pick up your application packet in person at:
     Health Sciences Education Center
     Wile Hall Rm. 631
     1812 N. Capitol Avenue
     Indianapolis, IN  46202

3) Make copies of all the forms!
   If a mistake is made, you will have an additional copy to complete.

4) For the application form:
   Be sure to complete all pages.

5) For the official transcript request form:
   Make as many copies as needed. You must submit official transcripts from any learning institution that you have attended, regardless of whether you obtained a degree from the institution or not. This includes high school, college, and other post-secondary training. Call ahead to your school(s) to determine whether you need to submit a fee to obtain an official copy of your transcript. You are responsible for paying any fees associated with obtaining these copies. Copy and complete as many transcript forms as needed, and mail them to the appropriate high school(s) and/or colleges attended. Note: Official transcripts are sent directly from the school to the Program Director in a sealed envelope or via the web.

   If you have a GED, request that an official copy be mailed to the Program Director.

6) For the candidate reference forms:
   Ask two people who know your work well (such as a supervisor or teacher) to complete the two reference forms. Write only your name on the top line of these forms. Do not complete anything else on these forms. Ask those who fill out your reference forms to return them directly to IU Health Sciences Education Center. (The address is on the forms.) Allow plenty of time for these to be completed and returned. IU Health reserves the right to contact your references to verify information on the forms.

7) For the short essay:
   Give a lot of thought to this, the selection committee reads this very carefully.
8) **To submit your application**, please be sure that you have completed everything. Send all forms, along with the non-refundable $30 fee to:

   IU Health Methodist Hospital  
   Wile Hall-Room 631  
   Attn: Pharmacy Technician Program Director  
   1812 N. Capitol Ave.  
   Indianapolis, IN  46202

9) **Who to call with questions:**  
For general questions regarding the application process or fees, call 317-962-5470. For specific questions about the program or its curriculum, contact the program director Melynda Ludwick at 317-962-0919 or mludwick@iuhealth.org.
How to get in touch with us:

CALL
• Our departmental secretary if you have general questions: 317-962-5470
• For specific questions about this program or its curriculum, call the program director at 317-962-0919

ONLINE
Go online to download application packet at www.iuhealth.org/education, then click on the Health Sciences tab.

E-MAIL
Your questions to the program director: mludwick@iuhealth.org

MAIL or Bring
Your completed application with your $30 fee to:
IU Health Methodist Hospital
Wile Hall-Room 631
ATTN: Pharmacy Technician Program Director
1812 N. Capitol Ave.
Indianapolis, IN 46202
Discover the strength inside.

Indiana University Health