

BASIC PROGRAM INFORMATION

Program Review is about documenting the discussions and plans you have for improving student success in your program and sharing that information with the college community. It is also about linking your plans to decisions about resource allocations. With that in mind, please answer the following questions.

Program/Department Name:

Division Name:

Please list all team members who participated in this Program Review:

Name	Department	Position
Angela Su	Pharmacy Technology	Program Director

Number of Full Time Faculty: **Number of Part Time Faculty:**

Please list all existing Classified positions: *Example: Administrative Assistant I*

Ms. Claudia Flores, Allied Health Program Coordinator. Her role is to support the BHS Divison. However, because Claudia also needs to support 6 Allied Health Programs, she is only able to dedicate 17% of her time to specifically support our PHT program needs.

SECTION 1: PROGRAM REFLECTION

1A. Program Update: Based on the program review [data](#), please tell us how your program did last year. We are particularly interested in your proudest moments or achievements related to student success and outcomes.

In the Pharmacy Technology program, there was a 95% course success rate for targeted groups; 100% of Filipino, 92% of Asian, 95% of Latino, and 50% of African American students were successful. This is significantly higher than that of the college-wide course success rate of 73%. In addition, our program's success rate also increased from the previous year (2014-15) of 92%. The program began with 21 enrolled students, 10 female and 11 male students. We graduated 18 students in June as 10 female students and 8 males students were successful in the program. In addition, a 47% male student population in enrollment is significantly higher compared to that of previous year of 27%. Three "unsuccessful" male students did not complete the program. We lost two students during Fall quarter. One student had personal family issues during Fall quarter and could not continue in the program and the other student failed the AHS 50A hybrid class as he neglected to complete the online assignments. The program would have had 19 graduates however, toward the end of Spring quarter, one student failed to complete the PHT 63 hybrid course work required of him and as a result, also failed a the course. All three of these students possessed the intellectual promise and potential to complete the course work. However, they neglected to take ownership of their performance to ensure they would pass the course and hence, were unsuccessful in completing the program.

With regards to student equity, our program's overall course success had a higher percentage (93%) of

compared to the college average of 79%. When correlating it to course success for targeted groups, our program also had a higher percentage (95%) compared to 73% college-wide. Our program was 21% higher in Filipino students, 21% higher in Latino students, but was 16% lower for African American students. (This is because we only had one African American student take a 1 unit prerequisite course PHT 200L.) Within our program, there is very little difference with course success rates with the targeted (95%) and non-targeted populations (92%). This demonstrates virtually no achievement gap across ethnicities within our program. The overall high course success rate of 93% demonstrates the Pharmacy Technology Program continues to address equity amongst targeted student populations.

Last year, of the 18 graduates, 11 students earned their AS degree in Pharmacy Technology. In addition, unlike previous years, we had the majority (10:18) of our students receive multiple job offers or secured positions as Pharmacy Technicians prior to graduation. Numerous employers have actively recruited our students because they recognize our extensive training program to produce highly capable and competent pharmacy technicians. Our students consistently demonstrate their mastery of knowledge and skills during their externships. This has resulted in employers hiring our students immediately. Safeway, Walgreens, Target (now CVS) pharmacies have come to our class to recruit as many of our students as possible. In fact, one student was hired immediately after completing only his first externship rotation during Winter quarter. The students have also secured positions at local Kaiser Hospital Inpatient and Outpatient pharmacies, multiple Walgreen's Pharmacies, Target Pharmacies (CVS) as well as Independent pharmacies such as San Jose Pharmacy. This is similar to the previous year, the majority of students usually secured positions after graduation. A high proportion of graduates have secured either part time or full time positions. Many of our graduates continue to take courses at Foothill College and/or other institutions to acquire pre-requisites needed to pursue Pharmacy School or their AS/BS degrees. In addition, we had 6 students take and pass the National Pharmacy Technician Certification Boards prior to graduation. Since then, of the students who have opted to take the boards, 100% our graduates have passed the boards and are now nationally certified. In addition, 100% of our students are licensed with the California Board of Pharmacy as Pharmacy Technician.

In August 2016, our program was required to submit our 3-year accreditation Progress Report for continued accreditation with ASHP/ACPE. The comprehensive progress report was submitted on October 7th for review. It addressed all areas of partial compliance and consultative recommendations cited during the 2013 re-accreditation site visit. We are waiting for ASHP/ACPE's response to verify that the Progress Report adequately addresses how our PHT program has implemented program improvements to meet accreditation requirements. Our program continues to strive to meet the high standards established by the national accrediting body for pharmacy technician education.

1B. Program Improvement: What areas or activities are you working on this year to improve your program? Please respond to any feedback from the supervising administrator from last year's program review.

The Pharmacy Technology Program faculty will continue to use the new ASHP/ACPE Accreditation standards to ensure the program continues to follow all the requirements for the new standards. It will also rely on ASHP/ACPE's response to the recently submitted (October 2016) accreditation mid-cycle 3-year Progress Report to determine successful outcomes of implemented changes within the program. Even though our most recent electronic self-survey report was approved in July 2015, our focus will be to ensure the program meets the new standards/expectations set by the new commission. A comprehensive self study and re-accreditation site visit will occur in 2018. The program will also be reviewing the outcome assessment tools utilized to measure student satisfaction and success. This will also include utilizing an online electronic survey to properly capture data. The goal will be to analyze

what other components can be added or changed to further improve the program. The program has also re-established and established new externship sites for our students. Since the program requires two distinct externship sites for each student, it is crucial to maintain and continuously seek out new sites. Currently, we have secured more sites than we have students that, allows our students to be placed at the most optimal site.

The implementation of strategies to enhance student success and decrease attrition directly correlated to academic failure is continuously addressed and evaluated by all program faculty members. This past year, our program suffered a 5% attrition rate due to 2 students failing to complete the online portion of two, of the easiest courses in the program. The reason for their failure did not have to do with their lack of academic understanding of the content, but rather, their lack of responsibility for submitting work in a timely manner. This is directly attributed toward students lacking time management, organizational, and life skills. Despite the loss of two students, the program was still successful, as nearly all of our graduates have secured positions in industry as Pharmacy Technicians/Clerks. This was the direct result of the active implementation of strategies including early identification of academic deficits and focused intervention to assist students in need. It required additional time and extra work from all faculty members of the department. This accomplishment is a triumph as it demonstrates students can indeed succeed if provided the resources, support, mentorship and encouragement they need. We recognize there are limitations to what we can do. Regardless of the extra time spent to assist students didactically, we are still unable to prevent attrition due to student's personal/family issues, lack of "life skills", college "readiness " and academic integrity issues. However, for the students who capable to handling the rigors of our program, their success in our program is reflection our success. We celebrate and honor their accomplishments by continuously evaluating and improving our program. We will continue to meet ASHP/ACPE accreditation program requirements and also, graduate competent and capable pharmacy technicians highly sought after by the pharmacy community.

The saturation of the Pharmacy Technician job market and competition from other online and proprietary was a concern. However, it was made clear that despite these challenges, Foothill College PHT program has a very high reputation in the community as our graduates are continuously recruited. Numerous job opportunities have come our way as employers have reached out specifically to the Program Director and Coordinator seeking graduates specifically from our program. This was mentioned in section 1C. In addition, we routinely receive emails and phone calls requesting us to refer our graduates to them. We attribute this to not only the quality of our students who complete the program, but also the rise in the pharmacy technician job market due to the increase in number of pharmacies opening in the Bay area to accommodate the increase in patient volume. Finally, by 2020, the Pharmacy Technician Certification Board will require all candidates to have completed an ASHP/ACPE accredited program in order to take the certification exam. This will require all "non-accredited" programs in the Bay area in the next 2 years to become accredited or they could potentially lose their entire student pool.

In response to feed back from supervising administrators, the program director has continued efforts at establishing a career pathway for pharmacy technology. In 2015-16 a pilot Pharmacy Careers (Pre-Pharmacy Technology) program was established at the San Jose, SVCTE Metro Ed Campus. This was a dual enrollment program designed to prepare high school students to simultaneously earn high school and college credit. This pilot cohort received 3 college units based on the credit given for current course work completed for AHS 50A, AHS 50B and PHT 200L. However, three new courses were also developed and curriculum written and has made its way through the college curriculum committee and is now waiting for State approval. PHT 101, 102 and 103 is curriculum designed to provide students with

foundational knowledge necessary to be successful in the Foothill Pharmacy Technician Program if they choose to pursue a certificate program. Foothill College did successfully collect apportionment for the college credit granted to the students of this cohort. Although we have temporarily suspended this program with SVCTE for 2016-17, there is the possibility of re-establishing this program in 2017-18 pending future meetings with SVCTE to determine the viability of it with their students.

In addition, the program was successful in creating its first steps to a CTE pathway with Fremont-Cupertino Adult Education located in Sunnyvale. During Spring quarter 2016, the PHT 200L (Orientation to Pharmacy Technician as a Career) was offered at the FACE campus in Sunnyvale. In addition, "Orientation/Informational sessions" provided at the campus for individuals from various backgrounds interested in the health care careers created opportunities for them to become knowledgeable about the Pharmacy Technician Program at Foothill College. Increasing the outreach to additional Adult Ed Program and other viable high school programs are planned for this year. The goal is to develop dual enrollment pathways in both high school and the adult education arenas in order to expand and diversify the pool of qualified applicants for the Foothill Pharmacy Technology Program.

Due to the increased numbers of students completing our Pharmacy Technician program for the purpose of pursing Pharmacy School, discussions with California North-state School of Pharmacy and UOP Pharmacy School have occurred to discuss the possibility of our accredited program being a pathway to pharmacy school. This is still in its preliminary stages of discussion as the minimum educational requirements for pharmacy school is a Bachelor's of Science degree. We are exploring other areas where the completion of an accredited pharmacy technician program may increase the applicant's chances for admission, as it would be a tremendous asset for their future success in pharmacy school. Another possibility would be for students (who were either waitlisted or denied admissions), to complete an accredited pharmacy technician program as a conditional component toward their future admission. We plan to continue our discussions with the schools of pharmacy to explore pathway possibilities.

1C. Measures of Success: What data or information will you use to measure your success (e.g. student success rates, changes in student or program learning outcomes)?

The Pharmacy Technology Program uses several outcome measures for success which include the following:

Quarterly student surveys: Quarterly surveys are used to receive student feedback regarding the instructor and course. The program director meets and discusses with individual instructor any course(s), which have a trend in negative comments or responses. In addition, at quarterly department and advisory board meetings, there are open discussions to address areas that require attention and improvement regarding the program.

End-of-Year graduate survey: This survey measures whether the program is meeting accreditation standards (within the context of being probably employed and considering the questions with having some employment experience), program satisfaction, employment and salary.

Alumni survey: This survey is given to the graduates of the program 6 months post-graduation. This survey measures whether the program is meeting accreditation standards, program satisfaction, employment, salary, pass rates for the licensure exams, and whether the graduate is pursuing higher education.

Preceptor Site survey: This survey is given to the Externship Site at the completion of Winter and Spring Quarter externship rotations. This survey measures the level of satisfaction the preceptor has with the student.

PLOs & SLOs: The PLOs are utilized by the program director to determine program effectiveness. The SLOs are utilized by the individual course instructors to determine whether the student has grasped the important concepts during the course.

ASHP/ACPE Accreditation Progress Reports and Self Survey and site visit: This is an extensive and rigorous review process in order to ensure the program is meeting accreditation requirements and students are successful in the program.

Annual and Comprehensive Program Review: The program review process is used to measure program viability.

1D. EMP Goal: The 2015-2020 Educational Master Plan (EMP) includes the following goal:
"Create a culture of equity that promotes student success, particularly for underserved students."

Based on the program review [data](#), tell us some of the things your program will be doing this year to support this goal. You will be asked to report on any accomplishments on your next comprehensive program review.

The program met and exceeded the college average for nearly all targeted groups. The goal of this program is to continue to recruit from both program graduates and current students as they are the programs' best referral source. The program faculty members meet formally every quarter to discuss methods to ensure continued student success. Bi-annual Advisory Board meetings also provide our program guidance to meet the demands of industry standards. The program will also continue to ask for one-time Lottery, Perkins and other funding sources to cover costs of equipment and materials to supplement the program's low B budget. We are grateful for the CTE Grant and one time Lottery Funding that has provided our program with the new Pyxis machine and Kirby Lester Pill Counters. We were able to use it for the first time (2015-16) throughout multiple courses. The plan is to add additional labs and course work which will allow more student contact time with the machines. The implementation of current technology into our program curriculum has improved student preparedness to meet industry standards. In addition, we will continue to provide supplemental instruction and mentor our students as they progress through the program.

Despite SVCTE's pilot dual enrollment Pharmacy Careers program being placed on hold this year, it did generate momentum to explore, develop, and strengthen career technical education pathways with other high schools and Adult Education centers. We are working collaboratively to create an "Allied Health Careers Pathway" which would provide students with a broader scope of knowledge pertaining to all health related careers. The proposed pathway would have students start by taking CRLP 71 (Exploring Career Fields) 1 unit, and then progressing to take AHS 51 (Health Careers Exploration) 2.5 units, and finally, HLTH 21 (Contemporary Health Concerns) 4 units. Completing this pathway would provide students with a foundational understanding of what is entailed in Allied Health Careers. They would be eligible to pursue their choice of a specific health career in the future. Pharmacy Technology will be one component covered in the new curriculum being written for AHS 51. It is with hopes that we will capture the interest of more capable and competent students who are able to handle the rigors of our program.

Although the curriculum written for PHT 101, 102, and 103 is very specific to the Pharmacy Careers profession, we are hopeful that SVTCE will continue this partnership to offer these dual enrollment courses. In addition, we plan to explore other high schools/Adult Ed programs that show interest in Pharmacy Technology as the rigor of these courses may be more suitable for other program students. Our goal is to provide a pathway for students so they would more likely succeed in any community college or in the Foothill College Pharmacy Technology Program. Not only will this pathway benefit the college as Foothill will collect apportionment from the dual enrollment model, it will ultimately benefit the student as they will be more prepared for success within the program.

Finally, because we have also identified adult learners as another target group of potentially suitable students to recruit, we plan to extend our outreach to additional Adult Education Centers. Fremont-Cupertino (ACE) has already decided to continue with offering the PHT 200L class on their campus and to also increase the number of "information orientation" dates during 2017 Winter and Spring Quarters to capture more students. Mountain View-Los Altos and Santa Clara Adult Education Centers, as well as NOVA Workforce Development are additional adult student pools we plan to extend our outreach to this year.

SECTION 2: PROGRAM OBJECTIVES & RESOURCE REQUESTS

2A. New Program Objectives: Please list any new objectives (do not list your resource requests).

Program Objective	Implementation Timeline	Progress Measures
<i>Example: Offer 2 New Courses to Meet Demand</i>	<i>Winter 2016 Term</i>	<i>Course Enrollment</i>
1. Keep program up to date with current pharmacy technology industry standards.	Ongoing	Positive feedback from student and preceptor surveys. "Accredited" program status with ACPE/ASHP
2. Increase enrollment of committed program students once students confirm to program acceptance	Ongoing	Program Review Data Sheets: Increase in Enrollment percentage.
3. Maintain program accreditation approval status of "accredited" without reporting requirement status.	Ongoing	Receive "Accredited" No reporting status required.
4. Maintain supplemental instruction support for students struggling with coursework.	Ongoing	Have no attrition caused by direct academic failure of course work leading to dismissal from program.

5. Maintain qualified faculty and maintain faculty improvement	Ongoing	Hire qualified PT faculty members with participation in conferences and workshops.
6. Establish consistent network of outpatient/retail and inpatient pharmacy externship sites	Ongoing	Successful placement of students in positive externship pharmacy sites.
7. Maintain targeted counseling support for students.	Ongoing	Annual Program Review Data Sheet.
8. Solidfy CTE pathways for highschool and Adult Education programs.	Begin Fall 2015	Successful student completion of course and articulation into Foothill PHT Program.

2B. Resource Requests: Using the table below, summarize your program's unfunded resource requests. Refer to the Operations Planning Committee (OPC) [website](#) for current guiding principles, rubrics and resource allocation information.

Resource Request	\$	Program Objective (Section 2A)	Type of Resource Request			
			Full-Time Faculty/Staff Position	One-Time B-Budget Augmentation	Ongoing B-Budget Augmentation	Facilities and Equipment
50% Director release time	???	1,2,3,4,5,6,7,8				
Dedicated Allied Health Counselor	???	7				
Misc Pharmacy Education Supplies (lottery)	2500	1 & 3				
Misc Consumable Lab Supplies (lottery)	1500	1 & 3				
Trajecsyst Student Tracking System	4800	1 & 3				

Anatomage (shared with other programs)	78,000	1 & 3
Software and Annual License renewals	3500	1, 3 & 4
Advisory Board and Open House (Food/beverages)	400	1 & 3
Faculty Professional development and supplies (Perkins)	7000	3, 5 & 8
Non-instructional support (Perkins)	2000	4 & 7

2C. Unbudgeted Reassigned Time: Please list and provide rationale for requested reassign time.

The Pharmacy Technology Director currently only receives on-the-record with the college, a 25% reassigned time to conduct all the administrative and day-to-day duties to ensure the success of the program. However, due to the recognition of inadequate Director release time by the Dean, the BHS Division has supplemented an increase of release time to 33% since September 2014. The request for a permanent Director release time increase to at least 50% is necessary, as the current Director release time still does not accurately reflect the workload required to lead and manage the program. In addition, due to the 2012 ASHP/ACPE Accreditation site-visit finding, the program received a "partial compliance" citation regarding this issue.

[Item I-C-2] There is not a sufficient complement of pharmacists, certified pharmacy technicians, and pharmacy technicians who have completed an ASHP-accredited pharmacy technician training program to assist the program director in performing the responsibilities of the program.

The written consultative recommendations by accreditation were:

"Members of the college's administration should work with the program director to add appropriate support to the director so the director has more time to perform the required duties of the position."

The orally communicated consultative recommendations by the Surveyors at the briefing session to the Dean and program faculty suggested that the Program Director position should actually be at 100% release time. However, if this was not a possibility, the Director should work closely with the college administrators to obtain "adequate" release time needed to perform the required duties in accordance to accreditation standards. Release time of 50% would be ideal.

In order to demonstrate to ASHP/ACPE accreditation that there is active progress taken to address this “partial compliance” citation, the most recent (October 2016) submitted progress report states:

“Active efforts have already been made this year to initiate this request for the 50% increase in Director release time. This recommendation will be forwarded to college committees and the college president for review. A favorable outcome is anticipated.”

The increase to 50% release time will truly provide the Director adequate time required and necessary to lead, manage, and maintain the quality of the program. This will also enable a portion of her teaching assignment load to be shared among the part-time faculty in order for the Director to use the allocated time to fulfill all that is required to be completed during “standard working” hours. The scope of duties would include, but not be limited to the following; continuous assessment of program developmental needs, externship outreach, externship coordination and placement, securing clinical contracts, writing college Annual Program Reviews (Comprehensive Program Reviews every 3 years), writing ASHP/ACPE accreditation self survey and progress reports, managing budgets (keeping track of budgets from several accounts, ordering and submitting payment for supplies and equipment, requesting one-time lottery, Perkins,) organizing and conducting Advisory Board Meetings, maintaining program compliance with accreditation standards, overseeing and entering TracDat information, reviewing and writing course curriculum, hazmat compliance, hazmat disposal, oversee incoming students and managing required paperwork, student counseling (conferences, warnings, probation and dismissal), meeting individually with every program student at least once a quarter to mentor, monitor, and track their progress and success, scheduling of part-time faculty with quarterly course offerings, faculty evaluations, organizing guest speakers for student seminars, coordinating website postings, coordinating Pharmacy Technician License Applications and verifying graduation, coordinating graduation for students with certificates, organizing and distributing quarterly, graduate and post-graduate surveys, organizing and distributing accreditation survey to students for required by the ASHP/ACPE, maintaining equipment, maintaining faculty credentialing binder, maintaining outcomes assessment binder for accreditation, requesting new resources, processing student licensure documentation, making externship and licensure folders with pertinent documents for students, conduct regular staff meetings attend Director’s and Division Meetings, collaborating with other Allied Health Program Directors to enhance Inter-professional curriculum, participating and serving in additional college wide committees, strategizing and implementing methods to further elevate the program toward outreach and the creation of CTE pathways from high school and onward to pharmacy school while focusing on equity, community, and sustainability within the college’s educational plan. All of these duties, and more, are required of a Director to successfully lead and manage an accredited program.

Our current program’s achievements are only as a result of significant personal time sacrificed by the program director to ensure she maintains its impressive record of student achievement, accreditation with ASHP/ACPE and WASC standards. We have demonstrated the success of our program and hope the college can recognize the need for the permanent additional release time of 50%. It is truly necessary for the program director to sustain her role in meeting the needs of the students, the program, the college and ultimately, to ensure the program is in continual compliance with high accreditation standards.

Thank you.

SECTION 3: LEARNING OUTCOMES ASSESSMENT SUMMARY

3A. Attach 2015-2016 Course-Level Outcomes: Four Column Report for CL-SLO Assessment from TracDat. Please contact the Office of Instruction to assist you with this step if needed.

3B. Attach 2015-2016 Program-Level Outcomes: Four Column Report for PL-SLO Assessment from TracDat. Please contact the Office of Instruction to assist you with this step if needed.

SECTION 4: FEEDBACK AND FOLLOW-UP

This section is for the Dean/Supervising Administrator to provide feedback.

4A. Strengths and successes of the program as evidenced by the data and analysis:

The Pharmacy Technology program data set demonstrates there is no achievement gap among students in this program. All students succeed regardless of any student demographic.

The program director has demonstrated an incredible entrepreneurial spirit in engaging local high schools, ROPs, adult education programs and Pharmacy programs in order to develop a clear career pathway for Pharmacy Technology students. There has been no endeavor too great for her to consider and she has put 100% effort into driving a successful outcome for every thing she has tried to develop.

The students are hired promptly upon graduation and are part of a very supportive community of local pharmacy technologists who know and appreciate the Foothill Pharmacy Technology program.

4B. Areas of concern, if any:

The Pharmacy Technology program has consistently struggled with student attrition. This is in large part because the prerequisites of this program are basically high school graduation. Therefore, many students are accepted into the program with limited life skills, lack of college-readiness and a lack of understanding of professional behavior required to enter the workforce. The Pharmacy Technology faculty do an excellent job of meeting students “where they are” but often the types of issues the students bring to the classroom do not lend themselves to easy solutions. This was explained in great detail in the section 1B above.

4C. Recommendations for improvement:

Given the high attrition with the current high school population, the program director is encouraged to expand her outreach to adult schools in the area and to continue efforts in developing a career pathway for Pharmacy Technology. Ideally, the career pathway will provide high school students with better training and preparedness for the rigors of college.

4D. Recommended Next Steps:

- Proceed as Planned on Program Review Schedule
- Further Review / Out-of-Cycle In-Depth Review

Upon completion of Section 4, the Program Review document should be returned to department faculty/staff for review, then submitted to the Office of Instruction and Institutional Research for public posting. Please refer to the Program Review timeline.

Unit Course Assessment Report - Four Column

Foothill College

Department - Pharmacy Technology (PHT)

Mission Statement: The Pharmacy Technology Program is dedicated to the integration of clinical, didactic, and laboratory objectives to successfully develop student's cognitive, psychomotor, and effective domains necessary for the safe and efficient preparation of pharmaceuticals in the hospital, home health care, and retail settings. This education will provide the student with a foundation to pursue life long learning.

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Department - Pharmacy Technology (PHT) - PHT 200L - PHARMACY TECHNICIANS AS A CAREER - SLO 1 - Knowledge - State the requirements for admission,technical standards, schedule,legal requirements of the Pharmacy Technician Program and federal and state laws. (Created By Department - Pharmacy Technology (PHT))	Assessment Method: A written assignment involving research, interviews with a professional in the field, and incorporating written and oral classroom material is required. An oral presentation and ability to answer questions on the profession follows. Assessment Method Type: Essay/Journal Target for Success: 80% of students will receive a grade 75% or higher based on the paper content rubric grade and oral presentation	06/30/2016 - 80% of the students completed the course with a total final grade of 75% or higher. 21 students total over Winter and Spring Quarters: 17 As OB, 0C, 0 D and 2 F and 2 incomplete. Students who received an F did not show up for the second class and hence did not complete the course. Result: Target Met Year This Assessment Occurred: 2015-2016	
Department - Pharmacy Technology (PHT) - PHT 200L - PHARMACY TECHNICIANS AS A CAREER - SLO 2 - Application of knowledge - Evaluate the pros and cons of the role of the pharmacy technician in providing health care utilizing interviews during a pharmacy visitation. (Created By Department - Pharmacy Technology (PHT))	Assessment Method: oral presentation and discussion on research Assessment Method Type: Discussion/Participation Target for Success: 80% of student will receive a grade of 75% or higher on 100 point rubric scale Result: Target Met Year This Assessment Occurred: 2015-2016	06/30/2016 - 80% of the students completed the course with a total final grade of 75% or higher. 21 students total over Winter and Spring Quarters: 17 As OB, 0C, 0 D and 2 F and 2 incomplete. Students who received an F did not show up for the second class and hence did not complete the course.	
Department - Pharmacy Technology (PHT) - PHT 50 - ORIENTATION TO PHARMACY TECHNOLOGY - SLO 1 - Responsibilities - State all the technician's primary job	Assessment Method: Midterm (multiple choice, T/F & fill in the blanks) 100 points Final Exam (multiple choice, T/F & fill in the	12/31/2015 - The written quizzes, midterm, assignments, and comprehensive final exam indicate student comprehension of the subject matter. Comprehension of this material is	
Course-Level SLO Status: Active			

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
responsibilities, the duties falling under each job, and how their jobs differ from the primary responsibilities of the pharmacist. (Created By Department - Pharmacy Technology (PHT))	blanks) 200 points Quizzes (multiple choice, T/F & fill in the blanks) 50 points Assignments (various research assignments) 50 points	demonstrated by passing the assessments and completing assignments which is required by ASHP/ACPE.	
Start Date: 09/26/2011		95% of the students received a 75% or higher as a final grade in the course.	
End Date: 12/16/2011		20 students: A grades=9 B grades=9 C grades=1 D grades=0 F grades=1	
Course-Level SLO Status: Active	80% of the students will receive a 75% or higher on all methods of assessment		
Result: Target Met			
Year This Assessment Occurred: 2015-2016			
Department - Pharmacy Technology (PHT) - PHT 50 - ORIENTATION TO PHARMACY TECHNOLOGY - SLO 2 - Application of knowledge - Interpret, read, write, understand, communicate and define medical and pharmaceutical terminology as used in retail and hospital pharmacy. (Created By Department -	Assessment Method: Assessment Strategy: Midterm (multiple choice, T/F & fill in the blanks) 100 points Final Exam (multiple choice, T/F & fill in the blanks) 200 points Quizzes (multiple choice, T/F & fill in the blanks) 50 points Assignments (various research assignments) 50 points	12/31/2015 - The written quizzes, midterm, assignments, and comprehensive final exam indicate student comprehension of the subject matter. Comprehension of this material is demonstrated by passing the assessments and completing assignments which is required by ASHP/ACPE. 95% of the students received a 75% or higher as a final grade in the course.	
Start Date: 09/26/2011		20 students: A grades=9 B grades=9 C grades=1 D grades=0 F grades=1	
End Date: 12/16/2011			
Course-Level SLO Status: Active	Assessment Method Type: Exam - Course Test/Quiz Target for Success: 80% of the students will receive a 75% or higher on assessments	Result: Target Met	
Year This Assessment Occurred: 2015-2016			
Department - Pharmacy Technology (PHT) - PHT 51 - BASIC PHARMACEUTICS - SLO 1 - Knowledge - Identify and utilize the naming	Assessment Method: 2 Midterms (multiple choice, T/F & fill in the assignments, and comprehensive final exam	12/31/2015 - The written quizzes, midterm, assignments, and comprehensive final exam	
12/05/2016 7:14 PM			

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
systems, source, use, biotransformation and biodynamics, variables in drug responses and record keeping of available pharmaceutical supplies. (Created By Department - Pharmacy Technology (PHT))	blanks) @ 100 points Comprehensive Final Exam (multiple choice, T/F & fill in the blanks) Quizzes (multiple choice, T/F & fill in the blanks) 50 points Assignments 50 points	95% of the students received a 75% or higher as a final grade in the course. 20 students: A grades=5 B grades=10 C grades=4 D grades=0 F grades=1	indicate student comprehension of the subject matter. Comprehension of this material is demonstrated by passing the assessments and completing assignments which is required by ASHP/ACPE.
Course-Level SLO Status: Active	Assessment Method Type: Exam - Course Test/Quiz Target for Success: 80% of the students will receive a 75% or higher on all methods of assessment	Result: Target Met Year This Assessment Occurred: 2015-2016	
Department - Pharmacy Technology (PHT) - PHT 51 - BASIC PHARMACEUTICS - SLO 2 - Application of knowledge - Demonstrate handling and mandatory record keeping for drugs requiring special handling(scheduled drugs, BTC's, IND's, etc.). (Created By Department - Pharmacy Technology (PHT))	Assessment Method: 2 Midterms (multiple choice, T/F & fill in the blanks) @ 100 points Comprehensive Final Exam (multiple choice, T/F & fill in the blanks) Quizzes (multiple choice, T/F & fill in the blanks) 50 points Assignments 50 points	12/31/2015 - The written quizzes, midterm, assignments, and comprehensive final exam indicate student comprehension of the subject matter. Comprehension of this material is demonstrated by passing the assessments and completing assignments which is required by ASHP/ACPE.	
Course-Level SLO Status: Active	Assessment Method Type: Exam - Course Test/Quiz Target for Success: 80% of the students will receive a 75% or higher on all methods of assessments stated above	Result: Target Met Year This Assessment Occurred: 2015-2016	95% of the students received a 75% or higher as a final grade in the course. 20 students: A grades=5 B grades=10 C grades=4 D grades=0 F grades=1

Course-Level SLOs	Means of Assessment & Targets for Success/Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
<p>Department - Pharmacy Technology (PHT) - PHT 52A - INPATIENT DISPENSING - SLO 1 - Knowledge - Demonstrate proficiency in inventory, purchasing, automated and manual drug processing and compounding procedures in the inpatient pharmacy setting. (Created By Department - Pharmacy Technology (PHT))</p> <p>Start Date: 09/26/2011 End Date: 12/16/2011 Course-Level SLO Status: Active</p>	<p>Assessment Method: Midterm #1 (Lecture) 100 points Midterm #2 (LAB) 100 points Final Exam (Lecture & LAB) 200 points Quizzes/Assignments 100 points</p> <p>TOTAL POINTS 500 points</p> <p>Assessment Method Type: Exam - Course Test/Quiz</p> <p>Target for Success: 80% of the students will receive a 75% or higher on all methods of assessment</p> <p>Result: Target Met</p> <p>Year This Assessment Occurred: 2015-2016</p> <p>Assessment Method: Midterm #1 (Lecture) 100 points Midterm #2 (LAB) 100 points Final Exam (Lecture & LAB) 200 points Quizzes/Assignments 100 points</p> <p>TOTAL POINTS 500 points</p> <p>Assessment Method Type: Exam - Course Test/Quiz</p> <p>Target for Success: 80% of the students will receive a 75% or higher on all methods of assessment</p> <p>Result: Target Met</p> <p>Year This Assessment Occurred: 2015-2016</p> <p>Assessment Method: Midterm #1 (Lecture) 100 points Midterm #2 (LAB) 100 points Final Exam (Lecture & LAB) 200 points Quizzes/Assignments 100 points</p> <p>TOTAL POINTS 500 points</p> <p>Assessment Method Type: Exam - Course Test/Quiz</p> <p>Target for Success: 80% of the students will receive a 75% or higher on all methods of assessment</p> <p>Result: Target Met</p> <p>Year This Assessment Occurred: 2015-2016</p>	<p>12/31/2015 - The written quizzes, midterm, assignments, and comprehensive final exam indicate student comprehension of the subject matter. Comprehension of this material is demonstrated by passing the assessments and completing assignments which is required by ASHP/ACPE.</p>	

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
PREPARATION - SLO 1 - Knowledge - Describe the main components of the infection cycle and factors affecting survival of bacteria and utilize various methods of preventing the spread of micro-organisms and contaminants. (Created By Department - Pharmacy Technology (PHT))	Midterm #2 (3/08/12) 100 points Final Exam (Lecture & LAB) (3/29/12) 200 points Laboratory Assignments/Tests 200 points Quizzes/Assignments 50 points	indicate student comprehension of the subject matter. Comprehension of this material is demonstrated by passing the assessments and completing assignments which is required by ASHP/ACPE. 100% of the students received a 75% or higher as a final grade in the course. 18 students: A grades=10 B grades=5 C grades=3 D grades=0 F grades=0	Result: Target Met Year This Assessment Occurred: 2015-2016
Start Date: 01/09/2012 End Date: 03/30/2012 Course-Level SLO Status: Active	TOTAL POINTS 650 points	Assessment Method Type: Exam - Course Test/Quiz Target for Success: 80% of the students will receive a 70% or higher on all methods of assessment	
Department - Pharmacy Technology (PHT) - PHT 52B - ASEPTIC TECHNIQUE & IV PREPARATION - SLO 2 - Knowledge - introduction to aseptic compounding principles,techniques,precautions, and regulations governing preparation of sterile compounds (Created By Department - Pharmacy Technology (PHT))	Assessment Method: Midterm #1 (2/09/12) 100 points Midterm #2 (3/08/12) 100 points Final Exam (Lecture & LAB) (3/29/12) 200 points Laboratory Assignments/Tests 200 points Quizzes/Assignments 50 points	04/05/2016 - The written quizzes, midterm, assignments, and comprehensive final exam indicate student comprehension of the subject matter. Comprehension of this material is demonstrated by passing the assessments and completing assignments which is required by ASHP/ACPE. 100% of the students received a 75% or higher as a final grade in the course. 18 students: A grades=10 B grades=5 C grades=3 D grades=0 F grades=0	Result: Target Met Year This Assessment Occurred: 2015-2016
Start Date: 01/09/2012 End Date: 03/30/2012 Course-Level SLO Status: Active	TOTAL POINTS 650 points	Assessment Method Type: Exam - Course Test/Quiz Target for Success: 80% of the students will receive a 70% or higher on all methods of assessment	
Department - Pharmacy Technology (PHT) - PHT 53 - AMBULATORY PHARMACY PRACTICE - SLO 1 - Application of Knowledge - Demonstrate understanding and implement skills needed to effectively and competently perform a technician job in an ambulatory pharmacy when controlling inventory functions,prescription processing, blanks)	Assessment Method: Midterm (multiple choice, T/F & fill in the blanks) 50 points Comprehensive Final Exam (multiple choice, T/F & fill in the blanks-includes lab) 100 points Quizzes (multiple choice, T/F & fill in the blanks) 50 points	12/31/2015 - The written quizzes, midterm, assignments, and comprehensive final exam indicate student comprehension of the subject matter. Comprehension of this material is demonstrated by passing the assessments and completing assignments which is required by ASHP/ACPE. 95% of the students received a 75% or higher as a final grade in the course. 20	

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
dispensing and medical insurance. (Created By Department - Pharmacy Technology (PHT))	Laboratory Assignments (practicum) 50 points ?Top 50? Drug Cards	students: A grades=6 B grades=12 C grades=1 D grades=0 F grades=1	
Start Date: 09/26/2011	Assessment Method Type: Exam - Course Test/Quiz	Result: Target Met	
End Date: 12/16/2011	Year This Assessment Occurred: 2015-2016		
Course-Level SLO Status: Active	Target for Success: 80% of the students will receive a 70% or higher on all methods of assessment		
Department - Pharmacy Technology (PHT) - PHT 53 - AMBULATORY PHARMACY PRACTICE - SLO 2 - Application of knowledge - Demonstrate and utilize legal and appropriate interpersonal communication skills when interacting with patients, in person and the phone, and pharmacy personnel (Created By Department - Pharmacy Technology (PHT))	Assessment Method: Midterm (multiple choice, T/F & fill in the blanks) 50 points Comprehensive Final Exam (multiple choice, T/F & fill in the blanks-includes lab) 100 points Quizzes (multiple choice, T/F & fill in the blanks) 50 points Laboratory Assignments (practicum) 50 points ?Top 50? Drug Cards 100 points	12/31/2015 - The written quizzes, midterm, assignments, and comprehensive final exam indicate student comprehension of the subject matter. Comprehension of this material is demonstrated by passing the assessments and completing assignments which is required by ASHP/ACPE. 95% of the students received a 75% or higher as a final grade in the course. 20 students: A grades=6 B grades=12 C grades=1 D grades=0 F grades=1	
Start Date: 09/26/2011	Result: Target Met		
End Date: 12/16/2011	Assessment Method Type: Exam - Course Test/Quiz	Year This Assessment Occurred: 2015-2016	
Course-Level SLO Status: Active	Target for Success: 80% of the students will receive a 70% or higher on all methods of assessment		
Department - Pharmacy Technology (PHT) - PHT 54A - DOSAGE CALCULATIONS A - SLO 1 - Knowledge - Review basic mathematical functions as required for calculations of pharmaceutical dosages, temperatures, and measurements. (Created By Department - Pharmacy Technology (PHT))	Assessment Method: 2 Midterm (multiple choice, T/F & fill in the blanks) @ 100 points Comprehensive Final Exam (multiple choice, T/F & fill in the blanks) 200 points Written assignments 100 points	12/31/2015 - The written quizzes, midterm, assignments, and comprehensive final exam indicate student comprehension of the subject matter. Comprehension of this material is demonstrated by passing the assessments and completing assignments which is required by ASHP/ACPE. 95% of the students received a 75% or higher as a final grade in the course. 20 students: A grades=11 B grades=4 C grades=4 D grades=0 F grades=1	
Start Date: 09/26/2011	Assessment Method Type: Exam - Course Test/Quiz	Result: Target Met	
End Date: 12/16/2011	Target for Success: 80% of the students will receive a 75% or higher on all methods of assessment	Year This Assessment Occurred:	
12/05/2016 7:14 PM	Generated by TracDat a product of Nuventive.		

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Active			
Department - Pharmacy Technology (PHT) - PHT 54A - DOSAGE CALCULATIONS A - SLO 2 - Application of knowledge - Perform calculations and conversions utilizing metric, apothecary, household systems utilizing exact and approximate equivalents as appropriate. (Created By Department - Pharmacy Technology (PHT))	<p>Start Date: 09/26/2011</p> <p>End Date: 12/16/2011</p> <p>Course-Level SLO Status: Active</p>	<p>Assessment Method: 2 Midterm (multiple choice, T/F & fill in the blanks) @ 100 points</p> <p>Assessment Method Type: Comprehensive Final Exam (multiple choice, T/F & fill in the blanks)</p> <p>Target for Success: 80% of the students will receive a 75% or higher on all methods of assessment</p>	<p>12/31/2015 - The written quizzes, midterm, assignments, and comprehensive final exam indicate student comprehension of the subject matter. Comprehension of this material is demonstrated by passing the assessments and completing assignments which is required by ASHP/ACPE. 95% of the students received a 75% or higher as a final grade in the course. 20 students: A grades=11 B grades=4 C grades=4 D grades=0 F grades=1</p> <p>Result: Target Met</p>
Department - Pharmacy Technology (PHT) - PHT 54B - DOSAGE CALCULATIONS B - SLO 1 - Application of Knowledge - Calculate the correct oral and parenteral safe dosages of drugs using information derived from prescriptions, drug labels, package inserts and medical orders using proper medical and pharmaceutical notation. (Created By Department - Pharmacy Technology (PHT))	<p>Assessment Method: 2 Midterm (multiple choice, T/F & fill in the blanks) @ 100 points</p> <p>Assessment Method Type: Comprehensive Final Exam (multiple choice, T/F & fill in the blanks) 200 points</p> <p>Target for Success: 80% of the students will receive a 70% or higher on all methods of assessment</p>	<p>04/05/2016 - The written quizzes, midterm, assignments, and comprehensive final exam indicate student comprehension of the subject matter. Comprehension of this material is demonstrated by passing the assessments and completing assignments which is required by ASHP/ACPE. 100% of the students received a 70% or higher as a final grade in the course. 18 students: A grades=10 B grades=6 C grades=2 D grades=0 F grades=0</p> <p>Result: Target Met</p>	<p>Year This Assessment Occurred: 2015-2016</p>
Department - Pharmacy Technology (PHT) - PHT 54B - DOSAGE CALCULATIONS B - SLO 2 - Application of knowledge - Accurately calculate and utilize the required ingredients for compounding pharmaceutical products from the various physician orders.	<p>Assessment Method: Exam - Course Test/Quiz</p> <p>Assessment Method Type: Target Met</p> <p>Target for Success: 80% of the students will receive a 70% or higher on all methods of assessment</p>	<p>04/05/2016 - The written quizzes, midterm, assignments, and comprehensive final exam indicate student comprehension of the subject matter. Comprehension of this material is demonstrated by passing the assessments and completing assignments which is required by</p>	
Active			
Department - Pharmacy Technology (PHT) - PHT 54B - DOSAGE CALCULATIONS B - SLO 2 - Application of knowledge - Accurately calculate and utilize the required ingredients for compounding pharmaceutical products from the various physician orders.	<p>Assessment Method: 2 Midterm (multiple choice, T/F & fill in the blanks) @ 100 points</p> <p>Assessment Method Type: Comprehensive Final Exam (multiple choice, T/F & fill in the blanks) 200 points</p>	<p>04/05/2016 - The written quizzes, midterm, assignments, and comprehensive final exam indicate student comprehension of the subject matter. Comprehension of this material is demonstrated by passing the assessments and completing assignments which is required by</p>	

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
(Created By Department - Pharmacy Technology (PHT))			
Start Date: 01/09/2012	Assessment Method Type: Exam - Course Test/Quiz		
End Date: 03/30/2012	Target for Success: 80% of the students will receive a 70% or higher on all methods of assessment		
Course-Level SLO Status: Active			
Department - Pharmacy Technology (PHT) - PHT 55A - PHARMACOLOGY A - SLO 1 - Knowledge - Describe the basic anatomy and physiology of the nervous, endocrine, digestive, urinary, and reproductive systems. (Created By Department - Pharmacy Technology (PHT))	Assessment Method: Midterm #1 100 points Midterm #2 100 points Quizzes 100 points Assignments 30 points Comprehensive Final Exam 200 points Assessment Method Type: Exam - Course Test/Quiz	12/31/2015 - The written quizzes, midterm, assignments, and comprehensive final exam indicate student comprehension of the subject matter. Comprehension of this material is demonstrated by passing the assessments and completing assignments which is required by ASHP/ACPE. 95% of the students received a 75% or higher as a final grade in the course. 20 students: A grades=10 B grades=6 C grades=2 D grades=0 F grades=0	ASHP/ACPE. 100% of the students received a 70% or higher as a final grade in the course. 18 students: A grades=10 B grades=6 C grades=2 D grades=0 F grades=0 Result: Target Met Year This Assessment Occurred: 2015-2016
Course-Level SLO Status: Active			
Department - Pharmacy Technology (PHT) - PHT 55A - PHARMACOLOGY A - SLO 2 - Application of knowledge - Identify common pathophysiology of the nervous, endocrine, digestive, urinary and reproductive systems and the prescription and non-prescription remedies,problems and dosages of the treatments. (Created By Department - Pharmacy Technology (PHT))	Assessment Method: Midterm #1 100 points Midterm #2 100 points Quizzes 100 points Assignments 30 points Comprehensive Final Exam 200 points Assessment Method Type: Exam - Course Test/Quiz	12/31/2015 - The written quizzes, midterm, assignments, and comprehensive final exam indicate student comprehension of the subject matter. Comprehension of this material is demonstrated by passing the assessments and completing assignments which is required by ASHP/ACPE. 95% of the students received a 75% or higher as a final grade in the course. 20 students: A grades=7 B grades=7 C grades=3 D grades=0 F grades=1	ASHP/ACPE. 100% of the students received a 70% or higher on all methods of assessment Result: Target Met Year This Assessment Occurred: 2015-2016
Course-Level SLO Status: Active			

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
<p>Department - Pharmacy Technology (PHT) - PHT 55B - PHARMACOLOGY B - SLO 1 - Knowledge - Describe the basic anatomy and physiology of body tissues and membranes,integumentary, and skeletal systems (Created By Department - Pharmacy Technology (PHT))</p> <p>Start Date: 04/09/2012 End Date: 06/28/2012</p> <p>Course-Level SLO Status: Active</p>	<p>Assessment Method: Midterm #1 100 points Midterm #2 100 points Quizzes & Presentation 100 points Assignments 50 Comprehensive Final Exam 200 points</p> <p>TOTAL 550 points</p> <p>Assessment Method Type: Exam - Course Test/Quiz</p> <p>Target for Success: 80% of the students will receive a 70% or higher on all methods of assessment</p>	<p>04/05/2016 - The written assignments, midterms and comprehensive final exam indicate student comprehension of the subject matter. Written assignments reinforce lecture material. Comprehension of this material is also required for success required by ASHP/ACPE. 100% of the students received a C or better. 18 students: 10As, 4Bs, 4Cs, 0Ds, 0Fs</p> <p>Result: Target Met</p> <p>Year This Assessment Occurred: 2015-2016</p>	
<p>Department - Pharmacy Technology (PHT) - PHT 55B - PHARMACOLOGY B - SLO 2 - Knowledge - Identify common pathophysiology of body tissues and membranes, integumentary,muscular,skeletal and prescription/non-prescription remedies, side effects and dosages (Created By Department - Pharmacy Technology (PHT))</p> <p>Start Date: 04/09/2012 End Date: 06/29/2012</p> <p>Course-Level SLO Status: Active</p>	<p>Assessment Method: Midterm #1 100 points Midterm #2 100 points Quizzes & Presentation 100 points Assignments 50 Comprehensive Final Exam 200 points</p> <p>TOTAL 550 points</p> <p>Assessment Method Type: Exam - Course Test/Quiz</p> <p>Target for Success: 80% of the students will receive a 70% or higher on all methods of assessment</p>	<p>04/05/2016 - The written assignments, midterms and comprehensive final exam indicate student comprehension of the subject matter. Written assignments reinforce lecture material. Comprehension of this material is also required for success required by ASHP/ACPE. 100% of the students received a C or better. 18 students: 10As, 4Bs, 4Cs, 0Ds, 0Fs</p> <p>Result: Target Met</p> <p>Year This Assessment Occurred: 2015-2016</p>	
<p>Department - Pharmacy Technology (PHT) - PHT 55C - PHARMACOLOGY C - SLO 1 - Knowledge - Describe the basic anatomy and physiology of the cardiac, vascular, respiratory and lymphatic systems. (Created By Department - Pharmacy Technology (PHT))</p>	<p>Assessment Method: Quest #1 50 points Quest #2 50 points Midterm 100 points Homework 60 points QOM 1 40 points QOM 2</p>	<p>06/30/2016 - The written assignments, midterms and comprehensive final exam indicate student comprehension of the subject matter. Written assignments reinforce lecture material. Comprehension of this material is also required for success required by ASHP/ACPE. 100% of the students received a C or better. 18 students:</p>	

Course-Level SLOs		Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Start Date: 04/09/2012	End Date: 06/28/2012	QQQ 60 points Prezi 100 points NDI 50 points DPs 70 points Comprehensive Final Exam 200 points	14As, 2Bs, 2Cs, 0Ds, 0Fs	Result: Target Met Year This Assessment Occurred: 2015-2016
Course-Level SLO Status: Active				
		<hr/>	<hr/>	<hr/>
TOTAL 820 points				
<p>Assessment Method Type: Exam - Course Test/Quiz</p> <p>Target for Success: 100% of the students score a 75% or better on all forms of assessments</p>				
<hr/> <p>Department - Pharmacy Technology (PHT) - PHT 55C - PHARMACOLOGY C - SLO 2 - Knowledge - Identify common pathophysiology of the cardiac, vascular, respiratory and lymphatic systems and prescription/hom-prescription remedies, side effects and dosages (Created By Department - Pharmacy Technology (PHT))</p> <p>Start Date: 04/09/2012</p> <p>End Date: 06/29/2012</p> <p>Course-Level SLO Status: Active</p> <p>TOTAL 820 points</p>				
<p>Assessment Method: Quest #1 50 points Quest #2 50 points Midterm 100 points Homework 60 points QOM 1 40 points QOM 2 40 points QQQ 60 points Prezi 100 points NDI 50 points DPs 70 points Comprehensive Final Exam 200 points</p> <p>Result: Target Met Year This Assessment Occurred: 2015-2016</p>				
<p>06/30/2016 - The written assignments, midterms and comprehensive final exam indicate student comprehension of the subject matter. Written assignments reinforce lecture material. Comprehension of this material is also required for success required by ASHP/ACPE. 100% of the students received a C or better. 18 students: 14As, 2Bs, 2Cs, 0Ds, 0Fs</p>				
<p>Assessment Method Type: Exam - Course Test/Quiz</p> <p>Target for Success: 100% of students score a 75% or better on all forms of assessments</p>				
<p>Department - Pharmacy Technology (PHT) - PHT 56A - DISPENSING & COMPOUNDING A - SLO 1 - Application of blanks) @ 100 points</p> <p>Assessment Method: 04/05/2016 - The written quizzes, midterm, assignments, and comprehensive final exam indicate student comprehension of the subject</p>				

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Start Date: 01/09/2012 End Date: 03/30/2012 Course-Level SLO Status: Active	Assessment Method Type: Exam - Course Test/Quiz Target for Success: 80% of the students will receive a 70% or higher on all methods of assessment	Assessment Method: Comprehensive Final Exam (multiple choice, T/F & fill in the blanks) @ 200 points Quizzes (multiple choice, T/F & fill in the blanks) 100 points Laboratory Assignments (practicum) 100 points	matter. Comprehension of this material is demonstrated by passing the assessments and completing assignments which is required by ASHP/ACPE. 100% of the students received a 70% or higher as a final grade in the course. 18 students: A grades=6 B grades=11 C grades=1 D grades=0 F grades=0
Start Date: 01/09/2012 End Date: 03/30/2012 Course-Level SLO Status: Active	Assessment Method Type: Exam - Course Test/Quiz Target for Success: 80% of the students will receive a 70% or higher on all methods of assessment	Assessment Method: 2 Midterms (multiple choice, T/F & fill in the blanks) @ 100 points Comprehensive Final Exam (multiple choice, T/F & fill in the blanks-includes lab) 200 points Quizzes (multiple choice, T/F & fill in the blanks) 100 points Laboratory Assignments (practicum) 100 points	04/05/2016 - The written quizzes, midterm, assignments, and comprehensive final exam indicate student comprehension of the subject matter. Comprehension of this material is demonstrated by passing the assessments and completing assignments which is required by ASHP/ACPE. 100% of the students received a 70% or higher as a final grade in the course. 18 students: A grades=6 B grades=11 C grades=1 D grades=0 F grades=0
Start Date: 01/09/2012 End Date: 03/30/2012 Course-Level SLO Status: Active	Assessment Method Type: Exam - Course Test/Quiz Target for Success: 80% of the students will receive a 70% or higher on all methods of assessment	Assessment Method: Target Met Year This Assessment Occurred: 2015-2016	Result: Target Met
Start Date: 01/09/2012 End Date: 03/30/2012 Course-Level SLO Status: Active	Assessment Method Type: Exam - Course Test/Quiz Target for Success: 80% of the students will receive a 70% or higher on all methods of assessment	Assessment Method: 2 Midterms (multiple choice, T/F & fill in the blanks) @ 100 points Comprehensive Final Exam (multiple choice, T/F & fill in the blanks-includes lab) 200 points Quizzes (multiple choice, T/F & fill in the blanks) 100 points Laboratory Assignments (practicum) 100 points	06/30/2016 - The written assignments, midterms and comprehensive final exam indicate student comprehension of the subject matter. Written assignments reinforce lecture material. Comprehension of this material is also required for success required by ASHP/ACPE. 100% of the students received a C or better. 18 students: 10As, 7Bs, 1Cs, 0Ds, 0Fs
Start Date: 01/09/2012 End Date: 03/30/2012 Course-Level SLO Status: Active	Assessment Method Type: Exam - Course Test/Quiz Target for Success: 80% of the students will receive a 70% or higher on all methods of assessment	Assessment Method: Target Met	Result: Target Met

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Start Date: 04/09/2012 End Date: 06/29/2012 Course-Level SLO Status: Active	Assessment Method Type: Exam - Course Test/Quiz Target for Success: 80% of the students will receive a 70% or higher on all methods of assessment	Year This Assessment Occurred: 2015-2016	
Department - Pharmacy Technology (PHT) - PHT 56B - DISPENSING & COMPOUNDING B - SLO 2 - Application of knowledge - Accurately apply required record keeping functions, labeling,storage and packaging to compounded topical,transdermal,rectal,vaginal,ophthalmic and otic prescriptions (Created By Department - Pharmacy Technology (PHT))	Assessment Method: 2 Midterms (multiple choice, T/F & fill in the blanks) @ 100 points Comprehensive Final Exam (multiple choice, T/F & fill in the blanks-includes lab) 200 points Quizzes (multiple choice, T/F & fill in the blanks) 100 points Laboratory Assignments (practicum) 100 points	Result: Target Met Year This Assessment Occurred: 2015-2016	06/30/2016 - The written assignments, midterms and comprehensive final exam indicate student comprehension of the subject matter. Written assignments reinforce lecture material. Comprehension of this material is also required for success required by ASHP/ACPE. 100% of the students received a C or better. 18 students: 10As, 7Bs, 1Cs, 0Ds, 0Fs
Start Date: 04/09/2012 End Date: 06/29/2012 Course-Level SLO Status: Active	Assessment Method Type: Exam - Course Test/Quiz Target for Success: 80% of the students will receive a 70% or higher on all methods of assessment		
Department - Pharmacy Technology (PHT) - PHT 60 - RETAIL CLINICAL - SLO 1 - Knowledge - Understand and practice the structure, policies and procedures of the retail pharmacy and prescription dispensing. (Created By Department - Pharmacy Technology (PHT))	Assessment Method: Regular weekly attendance 20% of your grade Student weekly reports 30% of your grade Preceptor evaluation 40% of your grade Self evaluation 10% of your grade	Result: Target Met Year This Assessment Occurred: 2015-2016	06/30/2016 - 100% of the students completed the course with a total final grade of 70% or higher. 18 students total: 15 As, 3 B, 1C, 0 D, 0 F
Start Date: 09/25/2011 End Date: 03/29/2012 Course-Level SLO Status: Active	Assessment Method Type: Field Placement/internship Target for Success: 80% of the students will receive a 70% or higher on all methods of assessment		
Department - Pharmacy Technology (PHT) - PHT 60 - RETAIL CLINICAL - SLO 3 - Application of Knowledge - Practice assisting	Assessment Method: Regular weekly attendance 20% of your grade Student weekly reports 30% of your		06/30/2016 - 100% of the students completed the course with a total final grade of 70% or higher. 18 students total: 15 As, 3 B, 1C, 0 D, 0 F

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
the pharmacist in all functions of the retail pharmacy to include collection of information, distribution of medications, billing, third party collections, inventory and file maintenance. (Created By Department - Pharmacy Technology (PHT))	grade Preceptor evaluation 40% of your grade Self evaluation 10% of your grade	Result: Target Met Year This Assessment Occurred: 2015-2016	
Start Date: 04/08/2012	Assessment Method Type: Field Placement/internship	Target for Success: 80% of the students will receive a 75% or higher on all methods of assessment	
End Date: 06/28/2012			
Course-Level SLO Status: Active			
Department - Pharmacy Technology (PHT) - PHT 60 - RETAIL CLINICAL - SLO 2 - Application of knowledge - Observe legal and ethical guidelines while dispensing retail prescriptions, recording patient information and communicating with patients and pharmacy personnel. (Created By Department - Pharmacy Technology (PHT))	Assessment Method: Regular weekly attendance 20% of your grade Student weekly reports 30% of your grade Preceptor evaluation 40% of your grade Self evaluation 10% of your grade	Result: 06/30/2016 - 100% of the students completed the course with a total final grade of 70% or higher. 18 students total: 15 As, 3 B, 1C, 0 D, 0 F Target Met Year This Assessment Occurred: 2015-2016	
Start Date: 09/25/2011	Assessment Method Type: Field Placement/internship	Target for Success: 80% of the students will receive a 70% or higher on all methods of assessment	
End Date: 03/29/2012			
Course-Level SLO Status: Active			
Department - Pharmacy Technology (PHT) - PHT 60 - RETAIL CLINICAL - SLO 4 - Application of knowledge - Effectively interview patients, their representatives, or their care-givers to collect pertinent information for use by the pharmacist. (Created By Department - Pharmacy Technology (PHT))	Assessment Method: Regular weekly attendance 20% of your grade Student weekly reports 30% of your grade Preceptor evaluation 40% of your grade Self evaluation 10% of your grade	Result: 06/30/2016 - 100% of the students completed the course with a total final grade of 70% or higher. 18 students total: 15 As, 3 B, 1C, 0 D, 0 F Target Met Year This Assessment Occurred: 2015-2016	
Start Date: 04/08/2012	Assessment Method Type: Field Placement/internship	Target for Success: Target for Success:80% of the students will receive a 70% or higher on all methods of assessment	
End Date: 06/28/2012			
Course-Level SLO Status: Active			

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
<p>Department - Pharmacy Technology (PHT) - PHT 61 - HOME HEALTHCARE SUPPLIES - SLO 1 - Application of Knowledge - Demonstrate skill in assisting patients with conditions that require pharmacist attention and competently assist pharmacist with test and devices available for those conditions or health screening. (Created By Department - Pharmacy Technology (PHT))</p> <p>Start Date: 04/08/2012 End Date: 06/28/2012</p>	<p>Assessment Method: Midterm 100 points Final exam 200 points Laboratory Assignments 200 points Quizzes 100 points</p> <p>Assessment Method Type: Exam - Course Test/Quiz</p> <p>Target for Success: 80% of the students will receive a 70% or higher on all methods of assessment</p>	<p>06/30/2016 - The written assignments, midterms and comprehensive final exam indicate student comprehension of the subject matter. Written assignments reinforce lecture material. Comprehension of this material is also required for success required by ASHP/ACPE. 100% of the students received a C or better. 18 students: 6As, 10Bs, 2Cs, 0Ds, 0Fs</p> <p>Result: Target Met</p> <p>Year This Assessment Occurred: 2015-2016</p>	
<p>Course-Level SLO Status: Active</p>			
<p>Department - Pharmacy Technology (PHT) - PHT 61 - HOME HEALTHCARE SUPPLIES - SLO 2 - Knowledge - Define alternative forms of health care and supplements and their place in the total health care picture. (Created By Department - Pharmacy Technology (PHT))</p> <p>Start Date: 04/08/2012 End Date: 06/28/2012</p>	<p>Assessment Method: Midterm 100 points Final exam 200 points Laboratory Assignments 200 points Quizzes 100 points</p> <p>Assessment Method Type: Exam - Course Test/Quiz</p> <p>Target for Success: 80% of the students will receive a 70% or higher on all methods of assessment</p>	<p>06/30/2016 - The written assignments, midterms and comprehensive final exam indicate student comprehension of the subject matter. Written assignments reinforce lecture material. Comprehension of this material is also required for success required by ASHP/ACPE. 100% of the students received a C or better. 18 students: 6As, 10Bs, 2Cs, 0Ds, 0Fs</p> <p>Result: Target Met</p> <p>Year This Assessment Occurred: 2015-2016</p>	
<p>Course-Level SLO Status: Active</p>			
<p>Department - Pharmacy Technology (PHT) - PHT 62 - HOSPITAL CLINICAL - SLO 1 - Knowledge - Understand and practice the structure, policies and procedures of the in-patient pharmacy and distribution of prescriptions (Created By Department - Pharmacy Technology (PHT))</p> <p>Start Date: 09/25/2011 End Date: 03/29/2012</p>	<p>Assessment Method: Regular weekly attendance 20% of your grade Student weekly reports 30% of your grade Preceptor evaluation 40% of your grade Self evaluation 10% of your grade</p> <p>Assessment Method Type: Field Placement/Internship</p> <p>Target for Success: 80% of the students will receive a 75% or higher on all methods of assessment</p>	<p>06/30/2016 - 100% of the students completed the course with a total final grade of 70% or higher. 18 students total: 17 As, 1 B, 0C, 0 D, 0 F</p> <p>Result: Target Met</p> <p>Year This Assessment Occurred: 2015-2016</p>	
<p>Course-Level SLO Status:</p>			

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Active	<p>Department - Pharmacy Technology (PHT) - PHT 62 - HOSPITAL CLINICAL - SLO 2 - Application of knowledge - Assist the pharmacist, at the discretion of the pharmacist, in collecting, organizing, and evaluating information for patient care, drug use review, purchasing, storage, dispensing, and departmental management. (Created By Department - Pharmacy Technology (PHT))</p> <p>Start Date: 09/25/2011 End Date: 03/29/2012</p>	<p>Assessment Method: Regular weekly attendance 20% of your grade</p> <p>Student weekly reports 30% of your grade</p> <p>Preceptor evaluation 40% of your grade</p> <p>Self evaluation 10% of your grade</p> <p>Assessment Method Type: Self Evaluation</p> <p>Target for Success: 100% of students will receive a 75% or better on all forms of assessment</p>	<p>06/30/2016 - 100% of the students completed the course with a total final grade of 70% or higher. 18 students total: 17 As, 1 B, 0C, 0 D, 0 F</p> <p>Result: Target Met</p> <p>Year This Assessment Occurred: 2015-2016</p>
Course-Level SLO Status:	<p>Active</p> <p>Department - Pharmacy Technology (PHT) - PHT 62 - HOSPITAL CLINICAL - SLO 3 - Application of Knowledge - Extend practice of assisting the pharmacist in collecting, organizing, and evaluating information for patient care, drug use review, and departmental management and drug distribution and storage systems while in full compliance with federal, state, and local laws, regulations and professional standards.. (Created By Department - Pharmacy Technology (PHT))</p> <p>Start Date: 04/08/2012 End Date: 06/28/2012</p>	<p>Assessment Method: Regular weekly attendance 20% of your grade</p> <p>Student weekly reports 30% of your grade</p> <p>Preceptor evaluation 40% of your grade</p> <p>Self evaluation 10% of your grade</p> <p>Assessment Method Type: Field Placement/Internship</p> <p>Target for Success: 100% of students will receive a 75% or better on all forms of assessments</p>	<p>06/30/2016 - 100% of the students completed the course with a total final grade of 70% or higher. 18 students total: 17 As, 1 B, 0C, 0 D, 0 F</p> <p>Result: Target Met</p> <p>Year This Assessment Occurred: 2015-2016</p>
Course-Level SLO Status:	<p>Active</p> <p>Department - Pharmacy Technology (PHT) - PHT 62 - HOSPITAL CLINICAL - SLO 4 - Application of knowledge - Calculate, compound, label, document, dispense and/or store parenteral and other products requiring aseptic preparation, at the discretion of the</p>	<p>Assessment Method: Regular weekly attendance 20% of your grade</p> <p>Student weekly reports 30% of your grade</p> <p>Preceptor evaluation 40% of your grade</p> <p>Self evaluation 10% of your grade</p>	<p>06/30/2016 - 100% of the students completed the course with a total final grade of 70% or higher. 18 students total: 17 As, 1 B, 0C, 0 D, 0 F</p> <p>Result: Target Met</p>

Course-Level SLOs	Means of Assessment & Targets for Success / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
preceptor pharmacist. (Created By Department - Pharmacy Technology (PHT))	Assessment Method Type: Field Placement/Internship Target for Success: 100% of students will receive a 75% or better on all forms of assessments	Year This Assessment Occurred: 2015-2016	
Start Date: 01/06/2014			
End Date: 06/30/2014			
Course-Level SLO Status: Active			
Department - Pharmacy Technology (PHT) - PHT 63 - PHARMACY TECHNICIAN CERTIFICATION EXAM (PTCE) REVIEW COURSE - SLO #1 - Students will successfully pass the National Pharmacy Technician Exam with a 70% or higher. (Created By Department - Pharmacy Technology (PHT))	Assessment Method: Students will report their status of pass or no pass upon taking the PTCE. Assessment Method Type: Survey Target for Success: Pass rate for the PTCE will be 90% of higher.	12/05/2016 - Of the students taking the PTCE, there is 100% pass rate on the exam. (scoring 70% or higher on the exam) Result: Target Met Year This Assessment Occurred: 2015-2016	
Assessment Cycles: End of Quarter			
Start Date: 06/30/2014			
End Date: 06/29/2015			
Course-Level SLO Status: Active			
Department - Pharmacy Technology (PHT) - PHT 63 - PHARMACY TECHNICIAN CERTIFICATION EXAM (PTCE) REVIEW COURSE - SLO #2 - Students will complete the California State License requirements and be granted their license no later than six months from the time of submission. (Created By Department - Pharmacy Technology (PHT))	Assessment Method: Students will report being granted the California Pharmacy Technician License to practice no later than 6 months from the time of submission. (In the event the student chooses to apply for a license in another state of their choice to practice, will also demonstrate meeting SLO.) Assessment Method Type: Survey Target for Success: 90% of the students report being granted Pharmacy Technician license from California and/or another State.	12/05/2016 - 100% of the students report being granted Pharmacy Technician license from California. Result: Target Met Year This Assessment Occurred: 2015-2016	
Start Date: 06/30/2014			
End Date: 06/29/2015			
12/05/2016 7:14 PM			

Course-Level SLOs	Means of Assessment & Targets for Success/Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
Course-Level SLO Status: Active <p>Department - Pharmacy Technology (PHT) - PHT 63 - PHARMACY TECHNICIAN CERTIFICATION EXAM (PTCE) REVIEW COURSE - SLO 3 - Application of knowledge</p> <ul style="list-style-type: none"> - Students will demonstrate understanding of Pharmacy Technology comprehensive knowledge and skills required for PTCE course preparation material. (Created By Department - Pharmacy Technology (PHT)) <p>Assessment Cycles: Start Date: 1/02/2015 End of Quarter</p> <p>Course-Level SLO Status: Active</p>	<p>Assessment Method: Multiple practice PTCE exams, Chapter Section Quizzes and Assessment corrections.</p> <p>Assessment Method Type: Exam - Course Test/Quiz</p> <p>Target for Success: Students will score a 70% or higher as a final grade computed by multiple practice PTCE exams, Section Quizzes and Assessment corrections.</p> <p>Result: Target Met</p> <p>Year This Assessment Occurred: 2015-2016</p>	<p>06/30/2016 - Students must demonstrate comprehension of this material on practice PTCE exams, and section quizzes in order to be prepared to pass the actual PTCE exam. 94% of the students received a C or better. 18 students: 14As, 3Bs, 0Cs, 1Ds, 0Fs.</p>	

Unit Assessment Report - Four Column

Foothill College

Program (BHS-PHT) - Pharmacy Technician AS/CA

PL-SLOs	Means of Assessment & Target / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
<p>Program (BHS-PHT) - Pharmacy Technician AS/CA - 1. Fundamental Knowledge, Critical Thinking and Student Attitude - Upon completion of the Pharmacy Technician Program, students will demonstrate pharmaceutical knowledge, clinical skills and values necessary to practice as a competent pharmacy technician in both retail and hospital pharmacy settings.</p> <p>Start Date: 09/26/2011</p> <p>End Date: 10/30/2018</p> <p>SLO Status: Active</p>	<p>Assessment Method: Multiple course exams and lab practical exams. Preceptor evaluation form Employer evaluation form</p> <p>Assessment Method Type: Exam - Course Test/Quiz</p> <p>Target: Students will have performed >70% all lecture and lab practical exams and have a A >90% favorable/positive comments from externship preceptors pertaining to the student's performance competency at the clinical site. Evidence that preceptors and employers are also very satisfied with the knowledge, skills and attitudes of the graduates.</p>	<p>06/30/2016 - 97% of the students have indeed performed > 70% of all lecture and lab practical exams. 100% of the students have had a >90% favorable response from externship preceptor with their progress.</p> <p>2015-2016</p> <p>Resource Request: continued need to more lab TA or instructors to provide better teaching of lab skills</p>	<p>07/01/2016 - The students in this program have performed extremely well and as a program, we have lowered our attrition rate due to direct academic failure. We have 100% favorable comments and positive feedback from preceptors and they consistently rave about our students. Many students have been hired directly from the externship rotation.</p> <p>07/01/2013 - We would like to increase the percentage of students who perform greater than 70% on ALL lecture and lab practical exam. The way to do this is to decrease attrition rates in Fall quarter due to academic failure. Changes pertaining to Curriculum and class sequencing and provision of supplemental instruction are in</p>

PL-SLOs	Means of Assessment & Target / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
		progress and will be implemented in Fall 2013.	
<p>Assessment Method: Multiple course exams and lab practical exams. Preceptor evaluation form Employer evaluation form</p> <p>Assessment Method Type: Exam - Course Test/Quiz</p> <p>Target: Students will have performed >70% all lecture and lab practical exams and have a A >90% favorable/positive comments from externship preceptors pertaining to the student's performance competency at the clinical site. Evidence that preceptors and employers are also very satisfied with the knowledge, skills and attitudes of the graduates.</p>			
<p>Program (BHS-PHT) - Pharmacy Technician AS/CA - 2. Clinical Skills Competency - Upon completion of the Pharmacy Technology Program, graduates will demonstrate competency with entry-level clinical skills in accordance with ASHP Accreditation requirements</p> <p>Start Date: 09/20/2010 End Date: 06/29/2018 SLO Status: Active</p> <p>Assessment Method Type: Exam - Standardized</p> <p>Target: Students who elect to take the National PTCE exam pass. A >90% favorable/positive comments on all questions pertaining to the competency of the student. Evidence that graduates are very satisfied with the program curriculum. Evidence that employers and students are also very</p>	<p>Assessment Method: 1. National PTCE (Pharmacy Technician Certification Exam) Passing Scores 2. Externship evaluations by preceptors stating competency of clinical skills. 3. Graduate Survey 4. Employer Survey</p> <p>11/30/2016 - 100% of the students who have elected to take the PTCE has successfully passed the first time. Feedback from preceptors continue to be positive and support the continued preceptorship with Foothill college students because they are well prepared.</p> <p>Graduate surveys have favored the program positively. Employer survey has demonstrated hiring more Foothill College Students compared to other students who have graduated from other programs.</p> <p>Result: Target Met</p> <p>Year This Assessment Occurred: 2015-2016</p>		

PL-SLOs	Means of Assessment & Target / Tasks	Assessment Findings/Reflections	Action Plan & Follow-Up
		satisfied with the knowledge, skills and attitudes of the graduates.	