



**UNIVERSITY OF ALBERTA**  
**FACULTY OF PHARMACY AND**  
**PHARMACEUTICAL SCIENCES**

**PHARM 537**  
**COURSE OUTLINE and SYLLABUS**

Fall/Winter 2019/20

PHARM 537 Advanced Pharmacy Practice Experience – Mandatory Elective

**Course weight: \*8**

Course Coordinator: Ann Thompson  
Office: ECHA 3-281 Phone (780) 492-5905  
E-mail: athompson@ualberta.ca

**Online course access:** <https://eclass.srv.ualberta.ca/portal/>

Office Hours: Monday to Friday by appointment

Policy about course outlines can be found in  
[Course Requirements, Evaluation Procedures and Grading](#)  
of the University Calendar.

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## Course Description

This 8-week elective is intended to give students an opportunity to expand their knowledge and skills in other areas of professional practice, including patient care and non-patient care settings. Three options are available for students: (1) patient care experiences, (2) non-patient care experiences and (3) a combination of patient care and non-patient care experiences. Students will select a practice setting of interest based on availability. Students will be responsible for developing their own learning plan and demonstrating how they have achieved their goals. The learning plan will be finalized after preceptor review.

Practice settings in which this elective may occur include but are not limited to: Academic Setting (teaching or projects), Advocacy/Professional Associations, Administration/Leadership/Management, Clinical Practice (various settings), Compounding, Drug Use Evaluation/Drug Stewardship, Health Policy/Government Services, Quality Improvement and/or Medication Safety, or Research (Practice- or Lab-based).

**Course Prerequisites:** Pharm 316, Restricted to PharmD for BScPharm students.

**Other Course Requirements:** Course requirements are listed and outlined on the Faculty of Pharmacy and Pharmaceutical Sciences website under Current Students > [Experiential Education Requirements](#). Students must have all items up-to-date to proceed on placement.

## Course Objectives

The student is expected to demonstrate competencies of professionalism, communication, scholar, collaborator and care provider (if a patient care setting). The student will develop learning goals, with specific learning objectives, and indicators of progress to individualize his/her learning experience; finalization of the learning plan will occur after consultation with the preceptor. Students will be responsible for updating their progress on achieving their learning objectives across the placement, including providing a self-assessment rating at both midpoint and final. Students will also be required to meet the learning objectives as outlined in the preceptor's Site Description.

The course is designed to develop the following **knowledge, skills and attitudes**:

Knowledge:

- Application of the knowledge required of pharmacists in the practice setting

Skills:

- Competency in verbal, non-verbal, and written communication (as applicable to the placement setting)
- Integration of critical thinking, sound judgment and evidence-based medicine into practice (as applicable to the placement setting)
- Provide care utilizing the patient care process (for placements in clinical settings, or with a clinical component)
- Function effectively as a member of a team
- Apply scholarly skills such as teaching and principles of scientific inquiry (as applicable to the placement setting)
- Develop a learning plan and track progress across the experience

Attitudes:

- Professional behavior, responsibility, and accountability
- Initiative and self-directed learning

## Required Reading

See eClass for Required Readings that pertain to all Advanced Pharmacy Practice Experiences (APPEs). Review prior to the first APPE and then as needed to support learning.

## Recommended Resources

See eClass for Recommended Resources that may pertain to all Advanced Pharmacy Practice Experiences (APPEs). Prior to the placement students should ask their preceptor about resources that should be brought to the placement or pre-readings that should be completed prior to the placement.

## Other Required Materials

Students are required to wear their Faculty identification at all times when they are in the practice environment. Students are required to have a lab coat and should be prepared to wear it (if deemed appropriate based on setting). Students who are providing patient care will need to know their N95 Mask size in case this needs to be worn as personal protective equipment.

## Technology Requirements

### **Personal Laptop Computers**

Students may be asked to bring personal lap tops to placement sites to use for non-patient care activities.

### **eClass**

Students must access eClass to obtain course information and resources.

### **CORE ELMS**

Students must complete placement and course evaluations in CORE ELMS. Additionally, students are required to post their Learning Plan and CV/Resume under My Requirements within CORE ELMS.

If technical assistance is required, contact [phexed@ualberta.ca](mailto:phexed@ualberta.ca)

### **Netcare Access**

For information on Netcare (if required), see [website](#).

## Additional course fees

Students are expected to travel within the province to complete their experiential education course requirements. Costs associated with the travel, accommodation or placement requirements are the responsibility of the student.

## Course Schedule

This course is offered in each of the following blocks. Students will take this course once and must register for the course in the term that the placement is scheduled to occur in accordance with University Policies outlined in the Calendar.

Placement dates are:

1. Block 1: August 26 – October 18, 2019
2. Block 2: October 21 – December 13, 2019
3. Block 3: January 6 – February 28, 2020
4. Block 4: March 2 – April 24, 2020

Students enrolled in PHARM 538/539 Integrating Seminars are expected to be away from the placement site to attend PHARM 538/539 Seminars. Please refer to PHARM 538/539 syllabi for exact dates.

Note: The above schedule and procedures in this course are subject to change in the event of extenuating circumstances

## Grading

Pharm 537 is a Credit/No Credit course. At the end of the placement, preceptors recommend a grade on the final Student Performance Assessment. Formative feedback is provided by preceptors to guide and support achievement of course goals.

To pass the course, students must receive a “pass” on their final Student Performance Assessment (*see Appendix 1 or 2, pending the type of placement*) from their preceptor at the end of the course, complete all course requirements in a satisfactory manner and complete all required assessments (*see information below*). The Faculty course coordinator provides a final course grade (Pass: Credit or Fail: No Credit) following review of the submitted assessments and assignments.

## Students Who May Require Support

The student should email the Course Coordinator following review of the Midpoint Student Performance assessment if *any outcomes* are rated as **Not Meeting an Acceptable Level of Performance** or if performance concerns are identified and students would like additional support to address these.

## Assessment Information

- All assessments are completed and submitted using CORE ELMS. All assessments are posted prior to the start of the placement. Students are encouraged to review so they know the assessment outcomes and criteria.
- Formative feedback is encouraged throughout the placement. It is recommended students and preceptors discuss how things are going after week 1. Items to be discussed at this time include any early concerns or clarifications regarding expectations or course related activities. Additionally, students contribute their perspectives on their abilities through completion of self-assessments at midpoint and final. Students are expected to provide ratings on their performance at each time point, and be able to discuss rationale/examples to support their ratings. This should be discussed with their preceptor(s).
- Time points for completing assessments is outlined in the Assessment and Assignment Schedule (**Appendix 3**).
- Further information and details regarding each assessment can be found in eClass.

## Course Schedule/Activities

- Course activities will be variable depending on the type of placement site. Your preceptor(s) will provide details within their Site Description and during the orientation.
- Students are expected to participate in the activities which routinely occur at the practice site. Specific assignments and projects will be discussed between preceptor(s) and student, including student expectations and timelines for completion.
- Students are expected to debrief and discuss placement activities with their preceptor(s).
- For students who have the opportunity to participate in administering drugs by injection, the following applies:
  - They must have successfully completed the training (as required by ACP) in Pharm 430, and
  - Completed CPR Level C + First Aid.Students must only administer injections under the direct supervision of a pharmacist authorized by ACP to administer drugs by injection.

## Assignments

### Assignment #1: PHARM 537 Learning Plan

Students are required to develop a PHARM 537 Learning Plan using the template in Appendix 4. Once developed, the student will email it to his/her preceptor (or co-preceptor team) for review at least 1-week prior to start of placement. Students must also upload it to Student Requirements in CORE ELMS. In consultation with the preceptor(s), the student will refine and finalize the components of the Learning Plan by the end of week 1 of the placement. Once the preceptor

approves the final version, it must be uploaded to Student Requirements in CORE ELMS under Pharm 537 Learning Plan (end of week 1 of your placement block). At midpoint and final, progress updates must be entered (to facilitate version control, include the latest date of the Learning Plan in the **document title**).

At midpoint student performance assessment, any areas needing improvement according to the ratings provided by the preceptor, the student should add these to his/her Learning Plan, and specify Indicators of Progress.

At final student performance assessment, any area rated below expected (either Needs Improvement or Not Meeting an Acceptable Level of Performance) must be incorporated into the objectives of the learning plans for subsequent placements. It is recommended that students carry forward items where previous preceptors have given constructive feedback. This process allows the student to track growth across all placements and gives new preceptors information to better support continuity of skill development.

The Learning Plan must include:

- Placement Information (placement name, site, preceptor name(s))
- Learning Plan
  - learning goals (maximum of 4)
  - strategies and resources to achieve goals
  - indicators of progress
  - progress at midpoint (completed at end of week 4) and final (completed at end, week 8), including the self-assessment rating the student would assign themselves at that point (midpoint or final)

#### Assignments #2 and 3 – Assignments related to placement

Specific placement activities and assignments will be determined between student and preceptor. Examples include projects, presentations, education sessions/resource development, research protocol development, literature review, etc. Should presentations be required as part of the placement, rubrics for the following types of presentations are located in eClass and can be used during the placement (please provide to your preceptor(s)):

- Case presentation
- Journal Club presentation
- General presentation
- Education Session – Feedback Form

These assignments do NOT need to be posted in eClass. They must be completed to the satisfaction of your preceptor(s).

A summary table outlining the schedule for assessments and assignments is in **Appendix 3**.

## Instructor Assumptions

### **Students**

This placement provides an opportunity for the student to diversify their experience based on the practice setting chosen. In addition to completing the placement activities outlined by the preceptor, it allows students to tailor the experience to his or her unique personal and career goals. Students must be self-directed when preparing for this course through the development of their Learning Plan. Reviewing the Site Description (prepared by the preceptor) will provide information about the preceptor's practice, and give students a basis for setting learning goals. Engaging with your preceptor(s) further about the practice setting and learning opportunities is encouraged to maximize the student's ability to design a meaningful learning plan.

Having completed placements after years 1 and 2, students are aware that they are different from classroom learning. *Professionalism, communication skills and scholarly curiosity* are crucial components of the course. Although preceptors will guide the learning, *students are ultimately responsible* to drive the learning process and ensure completion of all activities, assignments and assessments. *This is an advanced placement so the preceptors expect students to be accountable and self-motivated.* Students should take an active role in their learning by setting goals, seeking out learning opportunities and being self-directed. Students should expect to spend time outside of the placement hours to complete or prepare for placement activities. See Section on Student Responsibilities in the [Undergraduate Experiential Education Policy and Procedure Manual](#). Due to variability of practice sites, experiences will differ.

Another important student responsibility is contacting the Faculty if concerns arise. There are assessments built into the course that provide checks and balances about learning and the overall experience, however it is important that students contact the Faculty prior to or during the placement to discuss concerns or questions. These are dealt with in a individual and confidential manner.

### **Preceptors**

Preceptors may be pharmacists or other healthcare professionals. Some practice settings may have more than one preceptor (co-preceptors) to direct and supervise your learning experience.

After learning plan development, the preceptor is expected to provide feedback on the plan with respect to quality and feasibility. Preceptors must determine any student requirements, such as IT access, and take the necessary steps to facilitate these requirements are met at the practice site.

## Experiential Education Policies

Please refer to the [Undergraduate Experiential Education Policy and Procedure Manual](#) for experiential education policies. Students must review this manual prior to the placement. These include:

- Attendance policies (illness, bereavement) and participation in professional opportunities such as conferences, UofA flu clinics, PDW, Pharm D interviews, etc. In general, it is expected that students are at the placement site 40 hours per week, with schedule to be determined between student and preceptor.
- Human Blood and Bodily Fluid Exposure (HBBFE) Procedures (Needlestick Injury)
- Netcare access, deletion and troubleshooting information
- Communication Policy
- Protection of Privacy Policy
- Preceptor recognition procedures

## **Plagiarism and Cheating**

The University of Alberta is committed to the highest standards of academic integrity and honesty. Students are expected to be familiar with these standards regarding academic honesty and to uphold the policies of the University in this respect. Students are particularly urged to familiarize themselves with the provisions of the [Code of Student Behaviour](#) (online at [www.governance.ualberta.ca](http://www.governance.ualberta.ca)) and avoid any behaviour, which could potentially result in suspicions of cheating, plagiarism, misrepresentation of facts and/or participation in an offence. Academic dishonesty is a serious offence and can result in suspension or expulsion from the University.

## **Accessibility Resources**

*(Formerly: Student Accessibility Services (SAS))*

Student accommodations are offered in accordance with the Faculty of Pharmacy and Pharmaceutical Sciences (FoPPS) Essential Skills policy. Students registered with Accessibility Resources who will be using accommodations are advised early in the year to contact the course coordinator (*Ann Thompson*) to discuss possible accommodations.

## **Equality, Equity and Respect**

The Faculty of Pharmacy and Pharmaceutical Sciences is committed to providing an environment of equality and respect for all people within the university community, and to educating faculty, staff and students in developing teaching and learning contexts that are welcoming to all. The faculty recommends that staff and students use inclusive language to create a classroom atmosphere in which students' experiences and views are treated with equal respect and value in relation to their gender, racial background, sexual orientation and ethnic backgrounds. In order to create a thoughtful and respectful community, you are encouraged to use gender-neutral or gender-inclusive language and to become more sensitive to the impact of devaluing language.



## APPENDIX 1 – PHARM 537 Student Performance Assessment – Form A/C (Patient Care or Combination of Patient Care and Non-Patient Care))

This table outlines the behaviours and outcomes that students will be assessed on by the preceptor at the midpoint and final points of the placement. For Type C placements, the proportion of time spent on patient care activities will be variable and dependent on the preceptor's patient care setting/schedule. Assessments are completed in CORE ELMS.

OUTCOME	BEHAVIOURS
<b>Professional</b>	
1. Displays professional behaviour	<ul style="list-style-type: none"> <li>• Demonstrates honesty, integrity, humility, commitment, altruism, compassion, and respect towards others.</li> <li>• Does not engage in distracting behavior.</li> <li>• Maintains privacy and confidentiality.</li> <li>• Dresses professionally and maintains appropriate personal hygiene.</li> <li>• Maintains appropriate interpersonal boundaries.</li> <li>• Is accessible, diligent, timely and reliable to others.</li> </ul>
2. Demonstrates professional responsibility and accountability and practices within the scope of a 4 <sup>th</sup> year student	<ul style="list-style-type: none"> <li>• Takes responsibility and accountability for actions and inactions; preceptor support may be required early in placement.</li> <li>• Prioritizes activities and manages time to balance course requirements and practice site workflow.</li> <li>• Responds appropriately to ethical issues encountered in practice; preceptor support may be required.</li> <li>• Applies standards of practice, policies, and codes that govern the profession; practices within the scope of a 4<sup>th</sup> year student.</li> </ul>
3. Demonstrates initiative, self-directed learning, and commitment to excellence in practice of pharmacy	<ul style="list-style-type: none"> <li>• Takes initiative to learn, enhance skills and integrate knowledge (i.e. maximizes learning opportunities).</li> <li>• Accepts, incorporates and provides feedback in an effective and constructive manner.</li> <li>• Sets personal goals to support development of professional skills, knowledge and attitudes.</li> </ul>
<b>Communicator</b>	
1. Demonstrates effective non-verbal and verbal communication to instill trust and confidence.	<ul style="list-style-type: none"> <li>• Speaks clearly, effectively and respectfully, tailoring responses to the context and audience.</li> <li>• Uses appropriate non-verbal communication. (e.g. open body language, use of facial expressions)</li> <li>• Listen, actively solicit and respond appropriately to ideas, opinions, and feedback from others (patients, team members, preceptor(s), etc)</li> <li>• Uses appropriate language, pace and tone that is suitable for the complexity, ambiguity, urgency of the situation.</li> <li>• Expresses recommendations, facts, evidence, opinions and positions accurately and effectively, with clarity and confidence; may require preceptor support early in the placement.</li> </ul>
2. Effectively communicates in writing.	<ul style="list-style-type: none"> <li>• Provides appropriate level of detail and complexity, breadth and depth; preceptor support may be required early in placement.</li> <li>• Uses appropriate language and tone for the type of written communication and intended audience.</li> <li>• Prepares timely, clear documentation that maximizes safety and understanding.</li> </ul>

OUTCOME	BEHAVIOURS
<b>Care Provider</b>	
1. Establishes and maintains professional relationships with patients/care givers	<ul style="list-style-type: none"> <li>• Engages patient; may require some preceptor prompting and guidance.</li> <li>• Exhibits sensitivity, respect and empathy with patients and care givers.</li> <li>• Identifies/responds to patient cues with preceptor guidance.</li> <li>• Determines when it is ethically and professionally appropriate to involve caregivers and/or family members.</li> </ul>
2. Gather and interpret relevant, necessary information about a patient's health-related needs.	<ul style="list-style-type: none"> <li>• Utilizes multiple sources of patient information to synthesize data to complete a patient history; may require preceptor support initially.</li> <li>• Employs effective interviewing techniques (e.g. appropriate open and closed ended questions, uses motivational interviewing when appropriate).</li> <li>• Employs a systematic process to gather data accurately based on the Patient Care Process document.</li> <li>• Gathers and interprets appropriate amounts of information including relevant physical exam, lab tests, point-of-care and diagnostic assessments.</li> <li>• Clarifies and manages conflicting data; may require preceptor support initially.</li> </ul>
3. Formulate assessment of actual and potential issues in collaboration with the patient & other healthcare team members; prioritize issues to be addressed.	<ul style="list-style-type: none"> <li>• Prioritizes medication-related needs based on urgency and patient preferences.</li> <li>• Determines patient's medical condition(s) and determines those where medication needs are not currently being addressed.</li> <li>• Assesses drug therapy for indication, efficacy, adherence and safety.</li> </ul>
4. Develops a care plan that addresses medication and health needs	<ul style="list-style-type: none"> <li>• Uses a systematic approach to develop care plans including for patients with multiple co-morbidities.</li> <li>• Establishes goals in collaboration with the patient that are relevant, realistic and timely.</li> <li>• Generates a realistic set of alternatives and assesses the pros and cons.</li> <li>• Develops a safe and effective plan (recommendations, monitoring and follow-up), for managing patient needs.</li> </ul>
5. Implements the care plan when appropriate	<ul style="list-style-type: none"> <li>• Implements specific actions for managing medication-specific needs (dispense, adapt, prescribe, refer, etc) with preceptor supervision.</li> <li>• Communicates the agreed-upon care plan and rationale to patients and/or other healthcare providers with preceptor support.</li> <li>• Educates the patient on both non-pharmacological. (e.g. lifestyle) and pharmacological recommendations.</li> <li>• Negotiates and adapts plan with team and/or patient/caregivers with preceptor support when necessary.</li> <li>• Initiates and completes seamless care activities when appropriate.</li> </ul>
6. Follow-up and evaluate as appropriate	<ul style="list-style-type: none"> <li>• Provides follow-up as appropriate.</li> <li>• Interprets follow-up information to evaluate effectiveness, safety and adherence, and modify plan if needed.</li> </ul>
<b>Collaborator</b>	
1. Works effectively with members of the team	<ul style="list-style-type: none"> <li>• Establishes and maintains positive relationships</li> <li>• Recognizes and respects the roles and responsibilities of team members.</li> <li>• Join with others in respectful, effective decision-making.</li> <li>• Contributes to optimize team functioning.</li> </ul>

OUTCOME	BEHAVIOURS
<b>Scholar</b>	
1. Demonstrates the fundamental knowledge required to participate in placement setting	<ul style="list-style-type: none"> <li>• Has minimal gaps in fundamental pharmacist knowledge required for placement learning activities.</li> <li>• Initiates and undertakes appropriate learning to successfully diminish knowledge gaps.</li> </ul>
2. Applies sound judgment to make decisions.	<ul style="list-style-type: none"> <li>• Weighs the pros and cons of alternatives to make decisions (or to select a course of action); <i>may require preceptor support.</i></li> <li>• Logically defends decisions, chosen strategies, and/or recommendations.</li> <li>• Applies experience and knowledge gained in the placement to better manage new tasks, situations and/or challenges.</li> </ul>
3. Applies principles of scientific inquiry.	<ul style="list-style-type: none"> <li>• Understands the need for the generation and discovery of new information as it pertains to professional development, innovations in practice and/or projects in practice setting.</li> <li>• Is able to recognize a practice or medication use problem/controversy/query and describe its parameters.</li> <li>• Demonstrates the ability to formulate a research or clinical question/hypothesis.</li> </ul>
<b>Learning Objectives determined by preceptor (as outlined in Site Description)</b>	
1. Demonstrates the knowledge, skills and attitudes outlined by the preceptor in the Site Description	<ul style="list-style-type: none"> <li>• Negotiates and prioritizes a plan with the preceptor at the beginning of the placement to determine activities</li> <li>• Fulfills placement objectives as negotiated with the preceptor</li> <li>• Embraces opportunities in the practice setting as appropriate</li> </ul>

## APPENDIX 2 – PHARM 537 Student Performance Assessment – Form B (Non-Patient Care)

This table outlines the behaviours and outcomes that students will be assessed on by the preceptor at the midpoint and final points of the placement. Assessments are completed on-line in CORE ELMS.

OUTCOME	BEHAVIOURS
<b>Professional</b>	
1. Displays professional behaviour	<ul style="list-style-type: none"> <li>• Demonstrates honesty, integrity, humility, commitment, altruism, compassion, and respect towards others.</li> <li>• Does not engage in distracting behavior.</li> <li>• Maintains privacy and confidentiality.</li> <li>• Dresses professionally and maintains appropriate personal hygiene.</li> <li>• Maintains appropriate interpersonal boundaries.</li> <li>• Is accessible, diligent, timely and reliable to others.</li> </ul>
2. Demonstrates professional responsibility and accountability and practices within the scope of a 4 <sup>th</sup> year student	<ul style="list-style-type: none"> <li>• Takes responsibility and accountability for actions and inactions; preceptor support may be required early in placement.</li> <li>• Prioritizes activities and manages time to balance course requirements and practice site workflow.</li> <li>• Responds appropriately to ethical issues encountered in practice; preceptor support may be required.</li> <li>• Applies standards of practice, policies, and codes that govern the profession; practices within the scope of a 4<sup>th</sup> year student.</li> </ul>
3. Demonstrates initiative, self-directed learning, and commitment to excellence in practice of pharmacy	<ul style="list-style-type: none"> <li>• Takes initiative to learn, enhance skills and integrate knowledge (i.e. maximizes learning opportunities).</li> <li>• Accepts, incorporates and provides feedback in an effective and constructive manner.</li> <li>• Sets personal goals to support development of professional skills, knowledge and attitudes.</li> </ul>
<b>Communicator</b>	
1. Demonstrates effective non-verbal and verbal communication to instill trust and confidence.	<ul style="list-style-type: none"> <li>• Speaks clearly, effectively and respectfully.</li> <li>• Uses appropriate non-verbal communication. (e.g. open body language, use of facial expressions)</li> <li>• Listen, actively solicit and respond appropriately to ideas, opinions, and feedback from others (ie: team members, preceptor(s))</li> <li>• Uses appropriate language, pace and tone that is suitable for the nature of the situation.</li> <li>• Expresses facts, evidence, opinions and positions accurately and effectively, with clarity and confidence; may require preceptor support early in the placement.</li> </ul>
2. Effectively communicates in writing.	<ul style="list-style-type: none"> <li>• Correctly applies the rules of syntax, grammar and punctuation.</li> <li>• Provides appropriate level of detail and complexity, breadth and depth; preceptor support may be required early in placement.</li> <li>• Uses appropriate language and tone for the type of written communication and intended audience.</li> </ul>
<b>Collaborator</b>	
1. Works effectively with members of the team	<ul style="list-style-type: none"> <li>• Establishes and maintains positive relationships</li> <li>• Recognizes and respects the roles and responsibilities of team members.</li> <li>• Join with others in respectful, effective decision-making.</li> </ul>

OUTCOME	BEHAVIOURS
	<ul style="list-style-type: none"> <li>Contributes to optimize team functioning.</li> </ul>
<b>Scholar</b>	
1. Demonstrates the fundamental knowledge required to participate in placement setting	<ul style="list-style-type: none"> <li>Has minimal gaps in fundamental pharmacist knowledge required for placement learning activities.</li> <li>Initiates and undertakes appropriate learning to successfully diminish knowledge gaps.</li> </ul>
2. Applies sound judgment to make decisions.	<ul style="list-style-type: none"> <li>Weighs the pros and cons of alternatives to make decisions (or to select a course of action); <i>may require preceptor support.</i></li> <li>Logically defends decisions, chosen strategies, and/or recommendations.</li> <li>Applies experience and knowledge gained in the placement to better manage new tasks, situations and/or challenges.</li> </ul>
3. Applies principles of scientific inquiry.	<ul style="list-style-type: none"> <li>Understands the need for the generation and discovery of new information as it pertains to professional development, innovations in practice and/or projects in practice setting.</li> <li>Is able to recognize a practice or medication use problem/controversy/query and describe its parameters.</li> <li>Demonstrates the ability to formulate a research or clinical question/hypothesis.</li> </ul>
4. Demonstrates the ability to educate others. (NOTE: can be demonstrated through various activities: writing, oral presentations, meetings where student is expected to deliver/describe findings to others.)	<ul style="list-style-type: none"> <li>Is able to identify (or understands) the learning needs of the learner/audience/reader.</li> <li>Selects educational techniques and content appropriate for the learner/audience/reader/team.</li> <li>Delivers content in a thoughtful and organized fashion.</li> <li>Assesses and/or reflects on the outcomes of the education provided.</li> </ul>
<b>Advocate</b>	
1. Promotes the vision of the pharmacy profession.	<ul style="list-style-type: none"> <li>Promotes the role and impact of pharmacists in health outcomes, population health, education, and/or research.</li> <li>Demonstrates commitment for the advancement of the pharmacy profession.</li> </ul>
<b>Leader-Manager</b>	
1. Demonstrates leadership and management skills	<ul style="list-style-type: none"> <li>Demonstrates effective problem-solving skills (as it applies to the strategic priorities of the practice setting)</li> <li>Asks good questions to inform themselves of a situation or task before taking action</li> <li>Exhibits empathy to appreciate others' perspectives</li> <li>Demonstrates ability to develop trusting relationships</li> </ul>
<b>Learning Objectives determined by preceptor (as outlined in Site Description)</b>	
1. Demonstrates the knowledge, skills and	<ul style="list-style-type: none"> <li>Negotiates and prioritizes a plan with the preceptor at the beginning of the placement to determine activities</li> </ul>

<b>OUTCOME</b>	<b>BEHAVIOURS</b>
attitudes outlined by the preceptor in the Site Description	<ul style="list-style-type: none"><li>• Fulfills placement objectives as negotiated with the preceptor</li><li>• Embraces opportunities in the practice setting as appropriate</li></ul>

## APPENDIX 3: PHARM 537 Assessments and Assignment Schedule

Week	Activities/Assessments/Assignments
1-4 weeks before placement starts	<input type="checkbox"/> Review syllabus: course expectations, activities and assignments. <input type="checkbox"/> Review Site Description prepared by your preceptor; note learning objectives and any recommendations for preparation. <input type="checkbox"/> <b>Learning Plan Assignment:</b> Prepare after reviewing the Site Description. Can contact preceptor if desired to discuss prior to its creation. Email to preceptor(s) and upload to Student Requirements (in CORE ELMS) at least 1 week prior to placement. <input type="checkbox"/> Corresponded with preceptor regarding: start time, dress code, parking, etc. <input type="checkbox"/> Provide preceptor with Netcare registration form (if applicable) {4 weeks before start}
<b>Week 1: Date:</b> _____	
Orientation (preceptors can use Orientation Checklist in Preceptor Guide)	<input type="checkbox"/> Review and discuss student-prepared Learning Plan. <input type="checkbox"/> Discuss preceptor's learning course objectives and activities. <input type="checkbox"/> Develop/discuss preliminary schedule for placement. <input type="checkbox"/> Discuss student/preceptor expectations and responsibilities. <input type="checkbox"/> Discuss assessment processes and timelines (including plan for feedback and debriefing). <input type="checkbox"/> Tour practice setting. <input type="checkbox"/> Log in to ensure Netcare access, as well as access to other on-site systems. (if applicable)
Early Check-In	<input type="checkbox"/> <b>END of Week 1:</b> Discuss how things are going from both preceptor/student perspectives. Clarify any questions. Review schedule and expectations for balance of placement. <input type="checkbox"/> Post revised Learning Plans (if revised) to reflect preceptor feedback.
<b>Week 4: Date:</b> _____	
Midpoint Assessments and Evaluations	<input type="checkbox"/> MID-POINT Assessments (CORE ELMS): Student Performance Assessment: midpoint; completed by preceptor; review with student. <input type="checkbox"/> Student Evaluation of Preceptor; midpoint; and Student Self-Assessment (midpoint); discuss both with preceptor
Learning Plan Progress Update	<input type="checkbox"/> Update progress achieved (midpoint column) in Learning Plan, and assign self-assessment rating. Incorporate new goals or update/refine existing ones as appropriate. <u>Share with preceptor.</u> Post updated Learning Plan in CORE ELMS.
<b>Week 8: Date:</b> _____	
Final Assessments and Evaluations	<input type="checkbox"/> Review Final Student Performance Assessment and Placement Grade; completed by preceptor; reviewed with student. <input type="checkbox"/> Student Evaluation of Preceptor/Site (final) and Student Self-Assessment (final); discuss both with preceptor
Learning Plan Progress Update	<input type="checkbox"/> Update progress achieved (final column) in Learning Plan, and assign self-assessment rating. Incorporate new goals or update/refine existing ones as appropriate. <u>Share with preceptor.</u> Post completed Learning Plan in CORE ELMS.
Program Evaluation	<input type="checkbox"/> Complete Post Placement Evaluation (CORE ELMS); submit AFTER leaving site within 48 hours. <input type="checkbox"/> Consider preceptor nomination for Preceptor Recognition Program. <input type="checkbox"/> Anonymous Student Survey (survey link emailed to student)

## APPENDIX 4: PHARM 537 Mandatory Elective Learning Plan Template

<<Name>>

<<Date>>

<u>Placement Name:</u>		
<u>Placement Site(s):</u>	<u>Primary Preceptor Name:</u>	<u>Additional Preceptors:</u>

### Learning Plan

Goal Indicate what knowledge or skill(s) you would like to obtain and/or further develop in this setting. <b>Use SMART format.</b>	Strategies <ul style="list-style-type: none"> <li>Describe strategies you will use to attain your learning goal.</li> <li>Include actions you will do to achieve your goal.</li> <li>Strategies may change as you work towards your goal.</li> </ul>	Indicators of Progress <ul style="list-style-type: none"> <li>describe the indicators that will inform you of your progress or achievement</li> <li>examples include debriefing with preceptor, receiving feedback from team members, self-reflection or evaluation, etc</li> </ul>	Progress at MIDPOINT Summary <ul style="list-style-type: none"> <li>key accomplishments</li> <li>important next steps</li> <li>behaviors/skills/knowledge requiring further improvement</li> </ul>	Progress at FINAL Summary <ul style="list-style-type: none"> <li>key accomplishments</li> <li>important next steps</li> <li>behaviors/skills/knowledge requiring further improvement</li> </ul>
			Self-Assessment Rating (SAR) <ul style="list-style-type: none"> <li>Meeting Expectations of progress in learning (ME)</li> <li>Needs Improvement (NI)</li> </ul>	Self-Assessment Rating (SAR) <ul style="list-style-type: none"> <li>Meeting Expectations of progress in learning (ME)</li> <li>Needs Improvement (NI)</li> </ul>
1.			Summary <i>Student types progress here</i>	Summary <i>Student types progress here</i>
			SAR _____	SAR _____
2.			Summary <i>Student types progress here</i>	Summary <i>Student types progress here</i>
			SAR _____	SAR _____



<b>Goal</b> Indicate what knowledge or skill(s) you would like to obtain and/or further develop in this setting. <b>Use SMART format.</b>	<b>Strategies</b> <ul style="list-style-type: none"> <li>Describe strategies you will use to attain your learning goal.</li> <li>Include actions you will do to achieve your goal.</li> <li>Strategies may change as you work towards your goal.</li> </ul>	<b>Indicators of Progress</b> <ul style="list-style-type: none"> <li>describe the indicators that will inform you of your progress or achievement</li> <li>examples include debriefing with preceptor, receiving feedback from team members, self-reflection or evaluation, etc</li> </ul>	<b>Progress at MIDPOINT</b> <b>Summary</b> <ul style="list-style-type: none"> <li>key accomplishments</li> <li>important next steps</li> <li>behaviors/skills/knowledge requiring further improvement</li> </ul>		<b>Progress at FINAL</b> <b>Summary</b> <ul style="list-style-type: none"> <li>key accomplishments</li> <li>important next steps</li> <li>behaviors/skills/knowledge requiring further improvement</li> </ul>	
			<b>Self-Assessment Rating (SAR)</b> <ul style="list-style-type: none"> <li>Meeting Expectations of progress in learning (ME)</li> <li>Needs Improvement (NI)</li> </ul>		<b>Self-Assessment Rating (SAR)</b> <ul style="list-style-type: none"> <li>Meeting Expectations of progress in learning (ME)</li> <li>Needs Improvement (NI)</li> </ul>	
2.			Summary <i>Student types progress here</i>		Summary <i>Student types progress here</i>	
			SAR _____		SAR _____	
3.			Summary <i>Student types progress here</i>		Summary <i>Student types progress here</i>	
			SAR _____		SAR _____	

Please provide a summary of feedback you have received from previous preceptors/lab facilitators/employers/peers to date.

<b>Previous Feedback: Strengths</b>	<b>Previous Feedback: Areas for Improvement</b>
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