
PHA 6633 - Medication Therapy Management: A Endocrine Focus Fall 2015 - 3 Semester Credit Hours

Course Purpose:

The course is intended to familiarize students with the provision of MTM in patients with **endocrine** disorders that range from common to complex. The student will gain hands-on practice in the core elements of MTM for patients with **endocrine** disorders, including conducting a comprehensive medication therapy review, generating a personalized medication record, designing a medication-related action plan, making pharmacotherapy interventions, and documenting the MTM service. The curricular threads of advanced pharmacotherapy knowledge, communication skills, and essential MTM business principles will be emphasized.

Course Faculty and Office Hours

Course Coordinator:

Karen Riley BScPhm, Pharm D, BCPS, CGP, BCACP, CDE
Clinical Assistant Professor
Department of Pharmacotherapy & Translational Research
University of Florida, College of Pharmacy
Phone: (519) 339-0614
Email: kdriley@ufl.edu

Office Hours

By appointment
Preferred contact method: email

Course Facilitators:

Pam Roehrl, B.S., M.S., Pharm.D.
Email: proehrl@cop.ufl.edu

Karen Riley, Pharm.D., BCPS, CGP, BCACP, CDE
Email: kdriley@ufl.edu

Course Faculty:

Please see Appendix A for a list of faculty involved in this team-taught course.

Place and Time of Class Sessions

Lectures are prerecorded and posted on the course website in the Canvas eLearning system. Lectures may be viewed at the student's convenience. The course has one 1.5-hour live online learning session each week. Live sessions are conducted via Big Blue Button and will meet on Sunday evenings from 8 to 9:30 PM EST, or 10 to 11:30 PM EST, or on Monday evenings from 9 to 10:30 PM EST, depending on the assigned section.

How This Course Relates to the Learning Outcomes You Will Achieve in the MS-MTM Program:

This course prepares the MS-MTM student to accomplish the following abilities and the related Student Learning Outcomes (SLOs) upon graduation:

- Knowledge SLO: Demonstrate comprehensive knowledge related to a specific discipline within the pharmaceutical sciences.
- Problem-Solving/Critical Thinking SLO: Demonstrate the ability to evaluate a problem that is related to a discipline within the Pharmaceutical Sciences.

This course is one of a series that will develop problem-solving and critical thinking skills and prepare the student to demonstrate comprehensive knowledge in the area of medication therapy management.

Course Objectives

Upon successful completion of this course, the student will be able to demonstrate the ability to perform the following with respect to cardiovascular disorders:

1. Recognize areas of pharmacotherapy knowledge essential to the provision of MTM services.
2. Identify clinical practice guidelines and current scientific literature pertaining to the provision of MTM services.
3. Evaluate scientific literature for use in providing up-to-date, evidence-based, and cost-effective MTM services.
4. Communicate effectively with patients when providing MTM services.
5. Identify barriers to patient communication and design strategies to overcome those barriers.
6. Conduct a targeted or comprehensive medication therapy review (MTR).
7. Identify drug-related problems and recommend rational solutions based on a mastery of pharmacotherapy.
8. Create a personalized medication record for an individual patient receiving MTM services.
9. Design a medication-related action plan, taking into account patient abilities and preferences.
10. Educate patients regarding techniques to improve adherence, decrease the risk of adverse drug reactions, and maximize appropriate and safe medication use.
11. Communicate interventions effectively to physicians and other healthcare colleagues.
12. Document MTM services in a manner sufficient for following patient progress, monitoring patient outcomes, and completing billing statements.
13. Utilize sound business principles in the provision of MTM services

Pre-Requisite Knowledge and Skills

The student must have successfully completed Foundations of MTM I and II

Course Structure & Outline

Course Structure

The course is offered in a blended learning format that utilizes a combination of face-to-face classroom instruction, on-line learning, and hands-on experiential activities. To meet the standards for course credit assignment this three-credit course requires a minimum of 48 hours of classroom instruction or the equivalent. Since the face-to-face classroom instruction is less than 48 hours, a number of alternative instructional activities comprise the remainder of the equivalent content and serve to fulfill the curricular equivalency standard. Using a combination of live classroom instruction and alternative methods of instruction ensures that the requirements for course credit assignment are fulfilled. An outline of the course activities and their respective contribution to course credit assignment can be found in the accompanying course schedule document.

Course Outline/Activities

Refer to Appendix B and C for an outline of course activities.

Textbooks

The required textbook for this course is **Angaran D, Whalen K, editors. *Medication Therapy Management: A Comprehensive Approach*. New York, NY: McGraw-Hill, 2015.** A suggested reference text is Dipiro JT, Talbert RL, Yee GC, et al, eds. *Pharmacotherapy: A Pathophysiological Approach*, 9th ed. Both of these are available free to students via Access Pharmacy in the HSC database.

Instructors may require additional readings such as clinical guidelines, review articles, book chapters, or websites. They may also provide additional resources to supplement the lecture material. Required or recommended readings will be listed under assignments and responsibilities on the course schedule. The readings will be available under the resources tab on the course website.

Active Learning Requirements

- Discussion board posting (3)
- Weekly live online learning sessions (6)
- Device presentation (1)
- Case studies - comprehensive medication review (1)
- Collaborative Practice Agreement (1)

Feedback to Students

Students will be provided written feedback on all assignments via the eLearning system. In general, written feedback can be expected within one week of assignment submission. In addition, students may schedule an appointment with the instructor if they wish to obtain more detailed verbal feedback. Feedback on exams and quizzes will be available via the eLearning system after 12 noon on the day following the exam or quiz.

Student Evaluation & Grading

Course Evaluation Methods

Written Assignments 25%

- Device Education/Presentation- 5%
- Comprehensive Medication Review - 10%
- Endo Collaborative Practice Agreement - 10%

Quizzes 10%

- Week 3 - 5%
- Week 6 - 5%

Class participation 15%

- Discussion board - 3%*
- Big Blue Button sessions - 12%

Exams 50%

- Midterm exam - 25%
- Final exam - 25%

***Please note: All postings need to be done before 6pm Sunday evening prior to the Big Blue Button session. 50 points will be deducted for late submissions.**

Grading Scale

Additional information on minus grades is available on the University of Florida website:

<http://www.registrar.ufl.edu/catalog/policies/regulationgrades.html>.

A	93-100	A-	90.0-92.9
B+	86.6-89.9	B	83.3-86.5
B-	80.0-83.2	C+	76.6-79.9
C	73.3-76.5	C-	70.0-73.2
D+	66.6-69.9	D	63.3-66.5
D-	60.0-63.2	E	<60

Class Attendance Policy

Attendance at the weekly Big Blue Button sessions is mandatory and participation in the group discussion is required.

Because there are 3 opportunities to attend the Big Blue Button sessions, students who know that they will miss a session should contact the facilitator as soon as possible and arrange to attend another session. Upon approval of the facilitator only, students may make up a missed session by completing a brief written assignment for a maximum of 2 out of the 6 sessions. Failure to get approval for the missed session prior to the session will result in a mark of zero for the Big Blue Button session. Written documentation of the session content must be submitted to the facilitator no later than 1 week past the missed session.

Quiz/Exam Policy

Online Examinations

The quizzes, midterm, and final examination will be administered online. Online examinations may consist of multiple choice, short answer and/or case-based questions. Thus, online examinations necessitate skills in typing and using a computer. **If you do not have strong keyboard skills, please do not delay in contacting the course coordinator. With early intervention you can be directed to Staff members who are equipped to review your needs.** Please note that it takes time to build these skills and this is not something that can be done at the last minute. To maintain the highest standards of academic integrity, high stakes online examinations may require the use of a proctoring system.

Missing Exams and Make-Up Exam Policy

Scheduled exams should only be missed for REAL EMERGENCIES. A student who misses an exam should notify the course coordinator via email within 24 hours. Students with an excused absence may be allowed to take a make-up exam. Make-up exams should be arranged with the course coordinator and administered within two weeks of the original exam date.

Posting of Exam Grades

Exam grades will be posted within one week of the exam. Notice will be provided to the students if there will be a delay in posting of exam grades.

Exam Rebuttals

Students have one week after posting of the exam grades to challenge any exam question. No appeals will be accepted after one week. Written appeals must include the following: the question number, an evidence-based rationale for why the student feels their response is accurate. The exam will be regraded, in full, by a third party. Note: the score of a fully regraded exam may increase, decrease, or stay the same. The regraded score will be considered final.

Policy on Old Quizzes and Assignments

Students will not be provided with old quizzes, exams, or assignments.

Assignment Deadlines

Late Assignments

Please submit online assignments early to avert last minute issues with technology. Late submission of assignments will result in a 20% point deduction without adequate explanation and may result in a zero grade, depending on the assignment. Students who experience technical difficulty when submitting assignments electronically must notify the course coordinator as soon as possible.

General College of Pharmacy Course Policies

The College of Pharmacy has a website that lists course policies that are common to all courses. This website covers the following:

1. University Grading Policies
2. Concerns, Appeals, and Complaints
3. Academic Integrity Policy
4. Psychomotor and Learning Expectations
5. How to request learning accommodations
6. Faculty and course evaluations
7. Computer and other technology requirements
8. Student expectations in class
9. Communications
10. Religious holidays
11. Counseling and Wellness Center
12. How to access services for student success

Please see the following URL for this information:

<http://www.cop.ufl.edu/wp-content/uploads/dept/studaff/policies/General%20COP%20Course%20Policies.pdf>

Other Course Information

Appendix A: Directions for Contacting Faculty & Course Faculty List

Appendix B. Lecture Schedule of Course Activities/Topics

Appendix C. Assignments and Learning Responsibilities

Appendix A: Directions for Contacting Faculty & Course Faculty List

Directions for Contacting Course Faculty

All questions on lecture material and course communication will occur through the discussion board on the course website. Discussion boards will be organized by lecture topic and questions should be posted in the appropriate location. The discussion board will be reviewed and questions answered within 3 business days after the posting. If you do not receive a response within 3 business days after posting, please email the course coordinator who will then contact lecture faculty directly. Please see “Course Communication” Section for additional information about communicating with faculty.

Course Coordinator

Karen Riley BScPhm, Pharm D, BCPS, CGP, BCACP, CDE- kdriley@ufl.edu

Dr. Riley is currently an Medication Therapy Management Pharmacy Specialist in Ontario, Canada. She has been involved in the Working Professional Pharm D Program as an Clinical Assistant Professor since 2004 in various roles as a facilitator and expert presenter. She has been a course coordinator for the Masters of Medication Therapy Management for various courses and a group facilitator since 2012. Dr. Riley completed her BScPhm from the University of Toronto and Pharm D from the University of Florida. She is also currently an education coordinator for the Ontario College of Pharmacists, a member of the Ontario College of Pharmacists Council and a member of the Pharmacy Council supporting health care decisions to the Ontario Government. She sits on the Board of Directors for the Alzheimer's Association and the Mental Health Association.

Dr. Riley is a Board Certified Pharmacotherapy Specialist, a Certified Geriatric Pharmacist, a Board Certified Ambulatory Care Pharmacist and a Certified Diabetes Educator. She holds certification in other areas as well which include the following: Certified Parkinson's Educator, Stanford Chronic Disease and Pain Self management educator, a certified immunization provider both in Canada and the US, and the Smoking Cessation certification in Training Enhancement in Applied Cessation Counseling and Health (TEACH). She uses all of her training and skills to provide better care to patients in the community setting and to continue to develop various programs to advance her pharmacist role in for patient care.

She was the winner of the 2014 Magnum Opus Award for Ontario. She has published in the areas of nephrology, osteoporosis and Medication Therapy Management. She has presented at conferences for pharmacists at the provincial, national level and international level. She also educates nurses, physicians and the public.

Instructors

Stacy Baggett, Pharm D, BCPS sbaggett@cop.ufl.edu

Dr. Baggett received for Doctor of Pharmacy degree in 2007 from Midwestern University College of Pharmacy in Glendale Arizona as well as a Bachelor of Science degree in Biochemistry from Purdue University in 2004. Dr. Baggett is currently a Regional Coordinator for Experiential Programs for the University of Florida college of Pharmacy and Clinical Assistant Professor at

the College's Orlando campus. Her practice experience is primarily as a Clinical Pharmacy Specialist at Holmes Regional Medical Center in Melbourne Florida with a focus on Infections Diseases and anticoagulation. She has precepted students in Adult medicine and Ambulatory Care, as well as PGY-1 residents in Internal medicine and Infectious Diseases and has lectured for the MTM and WPPD programs. Dr. Baggett is a Board Certified Pharmacotherapy Specialist and her interests include student and preceptor development, infectious diseases and internal medicine.

Eric Dietrich Pharm D ead1129@ufl.edu

Dr. Dietrich is a Clinical Assistant Professor within the Department of Pharmacotherapy and Translational Research. his work involves providing aid in discharge planning and transitional care management, including making post-discharge follow-up home calls. He also established the High Risk Clinic at Family Medicine at Main Street for patients with uncontrolled high-risk diabetes. Dr. Dietrich's research interested include interventions aimed at reducing hospital readmission rates as well as outcomes-based research for chronic dieases such as diabetes and hypertension. Dr. Dietrich's wife Nicole is a Critical Care Pharmacist at the VA.

Randy Hatton Pharm D, FCCP, BCPS rhatton@cop.ufl.edu

Dr. Randy Hatton, Pharm.D., is the academic director of the second year of the College of Pharmacy's curriculum. he teaches the evidence-based pharmacy course and content throughout the first 3 years of pharmacy education. He also serves as a clinical pharmacist in Internal Medicine Service at UF Health Shands Hospital, providing clinical pharmacy services while supervising working-professional doctor of pharmacy students. He received is Bachelor of Science in Pharmacy from the St Louis College of Pharmacy in 1977, Doctor of Pharmacy degree from the University of Florida in 1982 and his post doctoral fellowship from the University of Florida in 1983. He has received several awards including Preceptor of the Year: Florida Society of Health System Pharmacists, 2013, Preceptor of the Year. UF Health Shands Hospital, 2013, APhA-APPM Presentation Merit Award for 2013 and Distinguished Service Award, UF College of Pharmacy in 2012. He is a member of the American College of Clinical Pharmacy and American Society of Health- American Society of Health-System Pharmacists.

Prince Hinson RPh, CPh info@westlabpharmacy.com

Prince is currently the senior partner and Co-owner of Westlab Pharmacy Inc. in Gainesville Florida. Mr. Hinson has worked in numerous areas of the pharmacy industry, including academic, hospital, retail, and now presently compounding pharmacy. Mr. Hinson has worked with academic institutions as well as pharmaceutical manufacturers in performing investigational trials. Mr. Hinson is a member of: PCCA (Pharmaceutical Compounding Centers of America), IACP (International Academy of Compounding Pharmacists); NCPA (National Community Pharmacists Association); ACAP (Alachua County Pharmacy Association). Westlab Pharmacy is an experiential academic site for the University of Florida, Florida Atlantic, and Rasmussen College, Mr. Hinson serves of the Board of Directors of Campus USA Credit Union, and is actively involved with the ministry of Passage Family Church, both located in Gainesville, Florida.

Carol Motycka, Pharm.D. NEW motycka@cop.ufl.edu

Carol Motycka became the Director of the Jacksonville Campus in July 2002 to help build the University of Florida College of Pharmacy program in Jacksonville. She was later appointed Assistant Dean of the Campus where she spends her time teaching, caring for patients, counseling, and administrating. Carol graduated from the University of Florida with her Pharm.D. in 1998. She then completed a residency in Ambulatory Care at Florida Hospital in Orlando. Following the residency, Carol was hired as the Pharmaceutical Care Coordinator for Florida Hospital DeLand. At Florida Hospital, she developed an asthma and anticoagulation clinic and an Ambulatory Care Rotation. Carol also served as a faculty member for NOVA Southeastern University College of Pharmacy and Seminole Community College in the College of Allied Health from 1999-2002. As the Assistant Dean for the Jacksonville Campus, Carol is proud to be a part of the innovative program with the University of Florida.

James R. Taylor, Pharm. D., CDE, BCACP jtaylor@cop.ufl.edu

Dr. Taylor is a Clinical Associate Professor in the Department of Pharmacotherapy and Translational Research at The University of Florida. He received his doctor of pharmacy degree from Ohio Northern University. Upon graduation, he completed an ASHP accredited Pharmacy Practice Residency at The Veterans Affairs Medical Center in Huntington, West Virginia. Subsequently, he completed a Family Medicine Residency at The University of Florida. Dr. Taylor joined the faculty at The University of Florida in July 1998. Dr. Taylor maintains an active clinical pharmacy practice site. He serves as the Pharmacy Director for the UF and Shands Hematology Anticoagulation Clinic. Additionally, he practices in a family practice clinic focusing on management of diabetes, anticoagulation, hypertension and hyperlipidemia. He also serves as the Director of the Pharmaceutical Skills Labs for The UF College of Pharmacy. He has given numerous professional presentations on diabetes, anticoagulation and other primary care topics. He has also published extensively on diabetes, anticoagulation and other primary care topics. Finally, he has served as Principal Investigator and Co-Principal Investigator for a number of clinical studies. Research interests include diabetes and anticoagulation.

Karen Sando, Pharm.D., CDE ksando@cop.ufl.edu

Dr. Sando joined the faculty at the University of Florida College of Pharmacy in September 2010. She received her Pharm.D. from the University of Florida in 2008 and went on to complete a PGY-1 with an emphasis in ambulatory care at the University of Florida in 2009. Following residency, she worked as a clinical pharmacist at Shands Jacksonville offering clinical pharmacy services in diabetes, anticoagulation, and pain management. Since joining the faculty at UF, Dr. Sando has co-coordinated the Pharmaceutical Skills Lab Course for 3rd year pharmacy students. As of 2015, she serves as the Teaching Partnership Leader for Professional Practice Skills Laboratory I in the first professional year. She also teaches ambulatory care topics (osteoarthritis, rheumatoid arthritis, gastrointestinal diseases, diabetes, tobacco cessation) in the Pharmacotherapy course series in the UF COP curriculum. Dr. Sando maintains a practice site at UF Health Family Medicine at Old Town and supervises APPE students and directs a PGY-2 residency program in Ambulatory Care. She recently earned Board Certification as an Ambulatory Care Pharmacist (BCACP) in 2013 and has maintained certification as a Certified Diabetes Educator (CDE) since 2010. Her research interests include pharmacist impact on

diabetes management, quality improvement in primary care, and scholarship of teaching and learning. .

Erin St. Onge Pharm D

Dr. St. Onge joined the faculty in July 2002 to help start the University of Florida College of Pharmacy program in Orlando. As the Assistant Dean and Director of the Orlando campus, she devotes her time to her various roles as teacher, advisor and administrator. Dr. St. Onge graduated from the University of Florida College of Pharmacy with her Doctor of Pharmacy degree in 1999. Upon graduation, she completed a residency in Community Clinical Pharmacy with St. Louis College of Pharmacy/Walgreens. Dr. St. Onge accepted her first faculty position with Texas Tech University School of Pharmacy at their Lubbock campus. During her two years with Texas Tech, she gained valuable experience with their 3 campus (Amariollo, Lubbock, Dallas) distance education program. Also she developed a community site for 3rd and 4th year students, as well as a residency program in Community Clinical Pharmacy. Dr. St. Onge and her family moved to Orlando in summer 2002 at which time she accepted the position as Campus Director for Orlando. In addition to her current position with UF College of Pharmacy, she is very active in local and national pharmacy organizations. She is a member of the Central Florida Society of Health System Pharmacists and Education Council Co-Chair for the Florida Society of Health Systems Pharmacists. Dr. St. Onge's interests include diabetes mellitus and cardiovascular disease.

Karen Whalen, Pharm.D., BCPS, CDE whalen@cop.ufl.edu

Dr. Whalen is Assistant Dean for Clinical Education and a Clinical Professor in the Department of Pharmacotherapy and Translational Research at the University of Florida College of Pharmacy. She received her Doctor of Pharmacy degree with highest honors from the University of Florida. She completed a Pharmacy Practice Residency at the Moses Cone Health System followed by a Primary Care Residency at the James A. Haley Veterans' Hospital. Following residency training, Dr. Whalen was a faculty member in the Department of Pharmacy Practice at Nova Southeastern University (NSU) for 12 years. While at NSU College of Pharmacy, she was an eight-time recipient of the Golden Apple Award for Teaching Excellence. In 2008, Dr. Whalen joined the faculty of the University of Florida College of Pharmacy as assistant director of the St. Petersburg Campus. In 2010, she transitioned to the main campus in Gainesville. She now serves as Director of the Master of Science in Pharmacy with concentration in Medication Therapy Management degree program. Her excellence in teaching was recognized with the Faculty Recognition Award in 2011 and 2012, and the Teacher of the Year Award in 2013. Dr. Whalen is a Board Certified Pharmacotherapy Specialist and a Certified Diabetes Educator. She has practiced ambulatory care pharmacy in a variety of settings including an academic family medicine center, community pharmacy practice, and a Veterans' Affairs Healthcare System. Dr. Whalen is active in local, state and national pharmacy organizations, and is a past president of the Florida Pharmacy Association.

MTM: A Endocrine Focus (PHA 6634) - Course Schedule
Appendix B. Lecture Schedule of Course Activities/Topics

Week	Module	Lecture Topic	Lecturer
1 10/18-10/24	Introduction to Endocrine	1.1 Course Intro/Expectations 1.2 Meet the Experts 1.3 Practice Perspectives	Riley Sando/Taylor Schrankel
2 10/25-10/31	Diabetes	2.1 Intro to Diabetes 2.2 Med Mgmt in Type 2 DM – Part I 2.3 Med Mgmt in Type 2 DM – Part II 2.4 Diabetes MTM Cases	Whalen Whalen Whalen Whalen
3 11/1-11/7	Diabetes	3.1 Insulin Mgmt – Part I 3.2 insulin pumps 3.3 Diabetes devices part 1 3.4 Diabetes devices part 2	Sando Sando Taylor Taylor
4 11/8-11/14	Diabetes	4.1 Lifestyle Modifications for DM 4.2 Complications of Diabetes 4.3 Transitions of care	Sando Taylor Dietrich
5 11/15-11/21	Obesity	5.1 Example Diabetes Visits 5.2 Literature Thread - Meta-Analysis 5.3 Obesity	Sando/Whalen Hatton Motycka
6 11/22-11/28	Women's Health	6.1 Contraception I 6.2 Contraception II 6.3 Menstrual Disorders & PCOS 6.4 Infertility	Whalen Whalen Whalen Whalen
7 11/29-12/5	Thyroid	7.1 Menopause 7.2 Bioidenticals 7.3 Thyroid I 7.4 Endocrine MTM Cases	St. Onge Hinston Baggett Whalen

Exam Schedule**Midterm Exam: Nov 14, 2015****Final Exam: Dec 5, 2015**

Appendix C. Assignments and Learning Responsibilities

Week	Reading Assignment	Learning Responsibility
1 10/18-10/24 (5 hours)*	Review course syllabus Mullins articles - Bay Life America's Pharmacist	View all lectures for week 1 Complete assigned readings Adobe Connect session 1.5 hours Discussion board posting
2 10/25-10/31 (7 hours)*	DiPiro Chapter Diabetes MTM text chapter 21 Diabetes ADA Standards of Care (Exec Summary) 2015 Diabetes care Management of hyperglycemia in type 2 Diabetes 2015. Diabetes Care	View all lectures for week 2 Complete assigned readings Adobe Connect session 1.5 hours Discussion board posting
3 11/1-11/7 (8 hours)*	Insulin Regimens in Type 1 Texas Insulin Algorithm Practical Insulin Strategies in Type 2 Diabetes in Control – Insulin Initiation ADA Consumer Guide on Devices	View all lectures for week 3 Complete assigned readings Adobe Connect session 1.5 hours Complete assignments- Device presentation QUIZ
4 11/8-11/14 (6 hours)*	ADA Nutrition Position Statement ADA Guidelines - lifestyle Transitions of care article	View all lectures for week 4 Complete assigned readings Adobe Connect session 1.5 hours Discussion board posting MIDTERM EXAM
5 11/15-11/21 (7 hours)*	Sattar meta-analysis Obesity Guidelines (Exec Summary) DiPiro Ch- Obesity	View all lectures for week 5 Complete assigned readings Adobe Connect session 1.5 hours Complete assignments - Comprehensive med review
6 11/22-11/28 (7 hours)*	ACOG Practice Bulletin 73 DiPiro Ch - Contraception DiPiro Ch - Menstruation-related disorders	View all lectures for week 6 Complete assigned readings Discussion board posting Adobe Connect session 1.5 hours QUIZ
7 11/29-12/5 (8 hours)*	NAMS position statement on HT AACE Hypothyroidism Guidelines 2012 AACE Hyperthyroidism Guidelines 2011 DiPiro Ch- Thyroid disorders DiPiro Ch- Hormone therapy in women	View all lectures for week 7 Complete assigned readings Complete assignments - Endo collaborative practice document FINAL EXAM

*Contribution to course credit assignment

All assignments will be released on Sakai at least two weeks prior to due date. Reading assignments not contained in the required text will be posted in the Resource folder designated for that week of class. **All assignments should be completed on an individual basis unless otherwise specified.**