

Print Date: 6/3/15  
**Course Objectives/Course Outline**  
**Spokane Community College**

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**Course Title:** OB/GYN Pathophysiology  
**Prefix and Course Number:** SONO 144

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**Course Learning Outcomes:**

**By the end of this course, a student should be able to:**

Students study the disease process in the female reproductive system, abnormal maternal conditional associated with pregnancy and abnormal fetal development. Infectious, inflammatory, and neoplastic conditions of female pelvis, maternal syndromes, and abnormal fetal development are explored

- Describe associated pathologies and sequelae relative to female reproductive system.
- Describe sonographic appearances, sequelae associated with interventional procedures.
- Describe the sonographic findings associated with complicated 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> trimester OB.

**Course Outline:**

- I. Discuss the physiologic events at the time of menarche, during menstrual cycle and time of menopause.
- II. Toxemia of pregnancy and eclampsia.
- III. Vaginal bleeding and pelvic pain.
- IV. Inflammatory diseases of the female pelvis.
- V. Infectious diseases of the female pelvis.
- VI. Neoplasms of the female reproductive system.
- VII. Maternal syndromes as a consequence to fetus and mother
- VIII. Sonographer role in interventional procedures in OB/GYN