



2007-2008      **Geographic Information Systems, Certificate**

**PRE-REQUISITES:**

- GISC 1311 INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS**  
*Prerequisite: Completion of, or concurrent enrollment in DFTG 1309.*
- TECM 1303 TECHNICAL MATHEMATICS**  
*Prerequisite: A score of 18+ on the Elementary Algebra ACCUPLACER Exam or completion of MATH 80.*
- COSC 1301 MICROCOMPUTER APPLICATIONS**  
*Prerequisite: Successful completion READ 90 or equivalent.*
- DFTG 1305 TECHNICAL DRAFTING**  
*Prerequisite: Concurrent enrollment in DFTG 1309.*
- DFTG 1309 BASIC COMPUTER-AIDED DRAFTING**  
*Prerequisite: Completion of or concurrent enrollment in DFTG 1305 or ARTC 1321.*
- POFT 2312 BUSINESS CORRESPONDENCE AND COMMUNICATION**  
*Prerequisite: POFT 1301.*
- GISC 2320 INTERMEDIATE GEOGRAPHIC INFORMATION SYSTEMS**  
*Prerequisite: Completion of GISC 1311 and DFTG 1309.*
- GISC 1301 CARTOGRAPHY & GEOGRAPHY IN GIS AND GPS**  
*Prerequisite: Completion of or concurrent enrollment in GISC 2320.*
- DFTG 2319 INTERMEDIATE COMPUTER-AIDED DRAFTING**  
*Prerequisite: DFTG 1305, DFTG 1309 or ARTC 1321.*
- GISC 1364 CAPSTONE: GIS PRACTICUM**  
*Prerequisite: DFTG 2319 and GISC 1311.*

**\*\*Program Elective Options:**

- GISC 1321 INTRODUCTION TO RASTER-BASED GIS**  
*Prerequisite: GISC 1301.*
- SRVY 1315 SURVEYING CALCULATIONS I**  
*Prerequisite: DFTG 1309, MATH 1414, or TECM 1303.*
- SRVY 1313 PLANE SURVEYING**  
*Prerequisite: DFTG 1309, MATH 1414, or TECM 1303.*