

AS Computer Science – Information Systems Option

PHILOSOPHY:

The computer instructor will maintain a learning environment in the classroom modeled after a traditional learning lodge, Ki-s-ki-no-ah-mah-to-wi-kah-mi-k, where all students are “all my relations,” kah-ki-yoni-wah-ko-mah-kah-nah-k. In this learning lodge, the concept of networking is similar to the concentric circles of self, family, clan, band, and tribe united by the four directions.

EXPECTED LEARNER OUTCOMES:

Students will:

1. Utilize computer skills, such as spreadsheets, databases, word processing and presentation software to organize, manage, interpret and communicate information.
2. Demonstrate appropriate level knowledge of the terminology of computers and information systems.
3. Demonstrate basic knowledge of personal computer repair and maintenance.
4. Demonstrate basic knowledge of networking.
5. Demonstrate fundamental knowledge of information systems.
6. Demonstrate the ability to apply the skills of the Information Systems degree in preparation of culturally- and/or tribally-relevant information systems.

COURSE REQUIREMENTS:

Students will complete the GENERAL EDUCATION and the PROFESSIONAL CORE degree requirements as outlined in the appropriate sections with these specific courses required for completion of General Education.

GENERAL EDUCATION	
General Education Computer Science: CAPP 120: Intro to Computer (3 credits)	34 CREDITS
General Education Mathematics: M 121: College Algebra (3 credits)	
General Education Social Science: PSYX 100: Intro to Psychology (3 credits)	
PROFESSIONAL CORE	
ACTG 201: Principles of Financial Accounting (3 credits)	30 CREDITS
CAPP 151: MS Office (3 credits)	
CAPP 158: Microsoft Access (3 credits)	
CAPP 266: Microsoft EXCEL (3 credits)	
CSCI 141: Intro to Networking (3 credits)	
CSCI 1111: Intro to Java (3 credits)	
CSCI 161: PC Hardware Maintenance (3 credits)	
CSCI 185: Microsoft Expression Web Development (3 credits)	
CSCI 221: Intro to Systems Analysis and Design (3 credits)	
CSCI 110: Intro to Visual Basic (3 credits)	
TOTAL CREDIT REQUIREMENTS	64 CREDITS