

**University of Arkansas - Fort Smith**  
**5210 Grand Avenue**  
**P. O. Box 3649**  
**Fort Smith, AR 72913-3649**  
**479-788-7000**

**General Syllabus**

**ITA 1201 Computer - Database**

Credit Hours: 1                      Lecture Hours: 1              Lab Hours: 0

Effective Catalog: 2018-2019

**I. Course Information**

**A. Catalog Description**

Uses of database as a tool for collection of data, extraction of information from data and presentation of information to support decision making and effective communication.

**B. Additional Information - None**

**II. Student Learning Outcomes**

**A. Subject Matter**

Upon successful completion of this course, the student will be able to:

1. Create a database using given information.
2. Appropriately name the database fields to aid in queries and appropriately represent subsets of data using sorts, filters and queries.
3. Create a form for data entry.
4. Generate and print a database report based on specific criteria.

**B. University Learning Outcomes**

This course enhances student abilities in the following area:

**Analytical Skills**

**Critical Thinking Skills:** Students will identify problems and design databases for solutions.

**Quantitative Reasoning:** Students will assign and use numbers, read and analyze numerical data, create models, draw inferences and support conclusions.

### **III. Major Course Topics**

- A. Terminology
- B. Records
- C. Planning
- D. Tables
- E. Sorting, Filtering and Finding
- F. Queries
- G. Forms
- H. Reports

