

# Locating and Using the Online KCTCS Catalog as an Advising Resource

The online KCTCS Catalog can be found by clicking on the following link:

<http://kctcs.edu/students/Programs%20and%20Catalog>

Instructions to find General Education requirements and courses that meet these requirements, program requirements, course descriptions, and course pre-requisites in the catalog can be found below.

## I. General Education requirements and courses that meet these requirements

General Education requirements can be found on page 71 of the 2011-2012 KCTCS Catalog. This list of requirements and courses that meet those requirements are on pages 71-75.

## II. Program requirements

Program requirements can be found under the category "Academic Curricula" on pages 79-214 of the 2011-2012 KCTCS Catalog. All requirements are outlined for each specific core area and include more information about general education requirements.

## III. Course descriptions

Descriptions of all courses and detailed information of the content taught in each course on pages 215-355 of the 2011-2012 KCTCS Catalog. This is listed alphabetically by the three letter course subject abbreviation.

### **BIO Biological Sciences**

**BIO 112 (3)**

**Course ID:000127**

**Introduction to Biology**

Basic study of structure, function and interactions of living organisms including cell theory, genetics, energetics, evolution and ecology. Lecture: 3 credits (45 contact hours).

**Components: Lecture**

**Attributes: Science, Course Also Offered in Modules**

## IV. Course pre-requisites

Course pre-requisites are included both at the top of the course descriptions:

**VCC 260 (3)**

**Course ID:001509**

**Instructor Consent Required**

**Digital Prepress**

Provides basic knowledge of the steps and procedures used to troubleshoot, correct, and prepare digital files for output to customer's specifications. Students will use a combination of Adobe InDesign, Photoshop, and Illustrator to design a variety design projects, preflight, and prepare them for appropriate print production. Provides students with the basic skills to produce and utilize PDF documents. Critical thinking for problem solving and preparation of print media will be the focus of this course. Students must receive a letter grade of 'C' or better. Prerequisite: Permission of Instructor. Lecture/Lab: 3.0 credits (90 contact hours).

**Components: Lecture**

**Or after the course description:**

**MAT 150 (3)**

**Course ID:002376**

**College Algebra**

Includes selected topics in algebra and analytic geometry. Develops manipulative skills and concepts required for further study in mathematics. Includes linear, quadratic, polynomial, rational, exponential, logarithmic and piecewise functions; systems of equations; and an introduction to analytic geometry. (Students may not receive credit for both MAT150 and any other College Algebra or Precalculus course. Credit not available on the basis of special exam.) Lecture: 3 credits (45 contact hours). Prerequisites: 1. Math ACT score of 22 or above, 2. Math ACT score of 19-21 with concurrent MAT 100 workshop, 3. Successful completion of Intermediate Algebra, MAT 126, or equivalent, or 4. KCTCS placement exam recommendation.

**Components: Lecture**

**Course Equivalents: MA 109**

**Attributes: Mathematics - AA & AS (CPE), Course Also**

**Offered in Modules**