

May 2005

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# Diocese of Tucson Technology Curriculum

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# **Diocese of Tucson Technology Curriculum Revised May 2005**

## Introduction

We live in a competitive, global society with changing technologies. All students will need to develop the skills necessary to integrate computers and related technologies into their personal lives, continuing education and careers. The schools within the Diocese of Tucson have taken on the role of providing a comprehensive approach to integrating and implementing their technologies into the instructional process in order to provide all learners, students and staff with the tools necessary to compete in today's environment. The Diocese of Tucson commits to producing students who are technologically competitive.

## Goals

The goals for technology education within the Diocese of Tucson are as follows:

- To introduce students to technology's role in society, including the past, the present, and the future.
- To familiarize students with technology, operations, programming languages and computer terminology.
- To develop a working knowledge of commercially prepared software.
- To promote safe use and ethical values pertaining to the use of the computer.
- To prepare students for future technological challenges.
- To enhance problem solving skills.
- To stimulate student awareness in choosing the correct tool for creative communications.
- To introduce students to the role of the Internet as an educational tool.
- To create a technological foundation for successful integration into various career paths.
- To teach technical skills and concepts within the context of other disciplines, but support the development of technology-oriented elective classes.