

## CAPP and TBS Comparison

CURRICULUM CATEGORY	TYPES OF COURSES	CAPP REQUIRES	TBS REQUIRES
Programming Languages	Visual Basic; Research Methods in Computer Programming & JavaScript MIS; Introduction to Computers, Systems Analysis; E-Business Strategies; Applied Multimedia Technology; La telenovela; CAD for the Stage; 3-D Modeling; Music through Technology; Computers in Psychology; Practicum in Robotics; Advanced Enterprise Applications; Interactive Media Motion Graphics; Motion Design 2; Introduction to Computer Forensics	2	1
Technology Applications		4	1
Business Knowledge	Foundations of Business Thinking		1
Technology-Related Ethics	Current Trends in Computer Applications	1	1
Technology & Society	The Internet & Society; Information Security	1	1
Total Courses (hours)		8 (24)	5 (15)

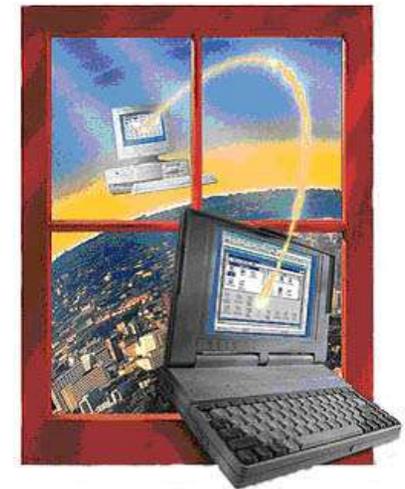
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# COMPUTER APPLICATIONS PROGRAM (CAPP)

## PROGRAM DESCRIPTION



**What can CAPP do for you?**

**[capp.nd.edu](http://capp.nd.edu)**

## What can CAPP do for you?

The **Computer Applications program (CAPP)** was established as a supplementary major in the College of Arts & Letters as a way to provide liberal arts students with formalized training in computing. CAPP is now open to students in all colleges and its important mission is to provide majors with proficiency in various facets of computing and information technology as a supplement to their primary majors and as a springboard for further professional education or a career in a technology-related field. CAPP continues to serve as a window for students to the worlds of technology and business.

Overall, **CAPP** has been a highly successful program for its students. In terms of post-graduate job placements, the CAPP experience has been very attractive to employers, which has enabled students to be very competitive in the job market. Even more important, however, has been the impact of CAPP on the lives of our majors as they move on to further education or directly into their careers. CAPP graduates commonly report that the experiences and skills they gained from the program have been extremely beneficial in the years since their graduations.

The **CAPP** program has three important educational goals for students. One is to provide students with sufficient knowledge of and exposure to technology that they understand the important role it plays

in both personal and professional domains. As part of this understanding, CAPP students acquire a certain minimum proficiency with computing and information technology systems in two ways: By becoming acquainted the “languages” of technology used to develop technology-based systems; and by getting practice in the application of such systems to solve important problems or create functional tools. A significant portion of CAPP’s overall course requirements serves this purpose. CAPP students take two (from a choice of several) required languages to ensure they are generally familiar with the basic concepts of programming as they are reflected in today’s most commonly employed syntaxes. Also, CAPP students take four required Technology-Applications courses (selected from a number of alternatives) in which the primary intent is to see how technology can be applied within important domains such as multimedia systems, local-area computer networks, or the Internet.

A second goal of **CAPP** is to sensitize students to the ethical issues raised by contemporary uses of computing and information technology. In this goal we follow the recommendations of a recent national steering committee of computing and technology professionals who saw such learning as integral to the undergraduate educational experience. CAPP students therefore take one required course from among several options in

this curriculum area.

Finally, **CAPP** aims to increase awareness of the important and pervasive ways in which technology affects both personal and professional domains within today’s society. Through one required course in the area of Technology & Society, CAPP students become more aware of the broader influence and impact of technology on their lives. Thus, the full CAPP major requires 8 courses (24 credit hours).

However, students who do not have room in their schedules for the full major can take advantage of core elements of the curriculum to broaden their knowledge of the business world and enhance their understanding of technology by enrolling in the **“Technology, Business, & Society” (TBS)** minor program. TBS requires only 5 courses (15 credit hours) consisting of one class from each of our business, programming, and Technology & Society curriculum categories, plus two applications courses. A specific comparison of CAPP and TBS requirements is shown on the opposite side of this fold.