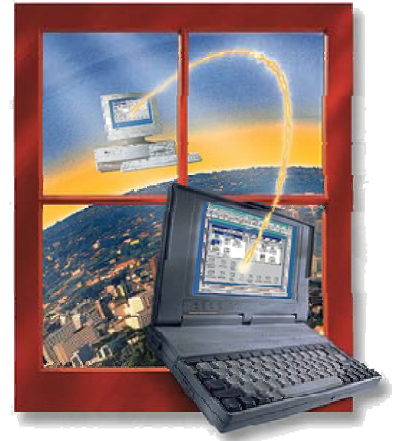


Computer Applications (CAPP) and Technology, Business, and Society (TBS) Programs

What can they do for you?

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. An important mission of CAPP 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. TBS is a **complementary skills program**, which is very similar to a minor. Both programs serve as a window in the AL College to the worlds of technology and business.



CAPP, established in the 70's, been a highly successful programs for AL students. In terms of post-graduate job placements, the CAPP experience has been very attractive to employers, which has enabled students to be 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. TBS is a relatively new program, but student feedback so far has been very positive.

Both CAPP and TBS have 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, 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 second goal of CAPP and TBS 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. Students therefore take one required course from among several options in this curriculum area.

Finally, CAPP and TBS aim to increase awareness of the important and pervasive ways in which technology affects both personal and professional domains within today's society. A new relatively new curriculum category, Technology & Society, offers courses through which students become more aware of the broader influence and impact of technology on their lives.

Also relatively new to the CAPP and TBS curricula is a foundational course in business knowledge. This course, taught by an experienced business professional, gives students an overview of the concepts and terminology critical to success in the business world. For CAPP, this course is an elective; for TBS, it is required.

CAPP and TBS Comparison

CURRICULUM CATEGORY	TYPES OF COURSES	CAPP REQUIRES	TBS REQUIRES
Programming Languages	C++; Scheme; Visual Basic; Web Development: HTML & JAVA	2	1
Technology Applications	MIS; Systems Analysis; E-Business Strategies; Introduction to Multimedia Technology; Advanced Multimedia; Music through Technology; Database Programming with Oracle	4	1
Business Knowledge	Foundations of Business Thinking		1
Technology-Related Ethics	Computer Ethics; Current Trends in Computer Applications	1	1
Technology & Society	The Internet & Society; Information Security	1	1
<i>Total Courses (hours)</i>		<i>8 (24)</i>	<i>5 (15)</i>

For more information see www.nd.edu/~capp or contact: Prof Charles R. Crowell, Director; or Prof Lou Berzai, Assistant Director