BTECH DEGREE – CODE #0377

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The Bachelor of Technology in interdisciplinary studies program is designed to provide a four-year curriculum in which students are empowered to personalize, within specified core and concentration areas, their technology-based program of study. The program is founded in academic flexibility by providing two sets of broad-based academic options. Students start with a core set of courses selected for years one and two of the program and two concentration areas for years three and four. The general academic categories are as follows:

YEARS ONE AND TWO CORE AREAS (SELECT ONE):

- Science/Technology/Engineering/Math (STEM)
- Management
- Design
- Health/Agriculture/Science (HAS)
- Humanities/Social Sciences
- Technical Communication

YEARS THREE AND FOUR CONCENTRATION AREAS (SELECT TWO):

- Science/Technology/Engineering/Math (STEM)
- Management
- Technical Communication/Design
- Humanities/Social Sciences
- Health/Science

ADVANTAGES

- Students must complete 18 credit hours in a core area during the first two years of the program; most associate degrees will satisfy this.
- Students must also satisfy a minimum of 12 credit hours in each of two academic concentrations during the junior and senior years. Courses satisfying these requirements are identified and categorized by prefix.
- The program affords students the opportunity to design and complete a rigorous, yet flexible interdisciplinary course of study in technology-based disciplines.
- The program will provide an avenue by which students can pursue precise career interests that cannot be accommodated within typical majors.
- With appropriate advisement, graduates will be well prepared to enter and succeed in a wide range of technology-based careers.

OCCUPATIONAL OPPORTUNITIES

The nature of the program allows for many occupational opportunities. Some of the more common interest areas are as follows:

- Technical writer
- Health office manager
- Sales engineer
- Logistician
- Purchasing manager (i.e., for a hospital)
- Health and safety engineer
- Cost estimator
- Training and development specialist
- Computer systems analyst
- Occupational health and safety specialist
- Graphic designer
- Self-employed

EMPLOYMENT STATISTICS

Employment and continuing education rate of 100 percent – 83 percent are employed; 17 percent continued their education.

ENTRANCE REQUIREMENTS/RECOMMENDATIONS

Required: Algebra, Second Year of Advanced Math, Two Units of Science

OFFICE OF ACCESSIBILITY SERVICES

Students who believe they need a reasonable accommodation to properly participate in this program may contact Melanie Ryan in the Office of Accessibility Services. This office may be contacted by email at oas@alfredstate.edu or by phone at 607-587-4506. Please keep in mind that some accommodations may take time to implement, so students seeking accommodations are encouraged to contact OAS as early as possible.

INTERDISCIPLINARY STUDIES - BTECH DEGREE

TYPICAL EIGHT-SEMESTER PROGRAM

Years One and Two				
COMP	1503	Freshman Composition	3	
SPCH	1083	Effective Speaking	3	
CISY	xxxx	Computer Elective	3-4	
XXXX	xxxx	Gen Ed Elective (7 areas)	24	
XXXX	xxxx	Lower Level Core	18	
XXXX	xxxx	Electives	9	
HPED	xxxx		1	
Years Three and Four				
COMP	5703	Technical Writing II	3	
IDST	5002	Interdisc Studies Capstone Des	2	
IDST	7001	Interdisc Studies Capstone Prj	1	
XXXX	xxxx	Concentration 1 (at least 9 credits upper level)	12	
XXXX	xxxx	Concentration 2 (at least 9 credits upper level)	12	
XXXX	xxxx	Upper level credits	21	
XXXX	xxxx	Electives	12	

GRADUATION REQUIREMENTS – BT DEGREE

- 124 total semester credit hours
- 30 semester credit hours of liberal arts
- 30 semester credit hours of general education from seven of 10 SUNY General Education categories (must include math as well as written and oral communication)
- 48 upper-division credit hours from the approved list
- Good academic standing and at least a 2.0 cumulative grade point average
- Approval of the advising committee