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 – 100 percent are employed; 0 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

FIRST				
COMP	1503	Writing Studies		3
MATH	xxx3	Gen Ed Elective - Math (MA)		3
CISY	xxx3	Computer Elective or BUAD 4403		3
XXXX	xxxx	Open Elective		3
XXXX	xxxx	Lower Level Core		3
HPED	xxx1	Physical Education Elective		1
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SECOND				
SPCH	xxx3	Effective Speaking or its GE equivalent (BC)		3
LITR	xxx3	Gen Ed Elective - Literature (HUM)		3
XXXX	xxx3	Gen Ed Elective - Soc. Sci (SS)		3
XXXX	xxx3	Open Elective		3
XXXX	xxx3	Lower Level Core		3
				15

THIRD				
GLST	2113	Global & Diverse Perspectives		3
XXXX	xxx3	Gen Ed /Lib Arts Elective (WC,AH,FA,FL)		3
XXXX	xxx3	Gen Ed / Lib Arts Elective (WC,AH,FA,FL)		3
XXXX	xxx3	Lower Level Core		3
XXXX	xxx3	Lower Level Core		3
				15

FOURTH				
xxxx	xxx3	Gen Ed/Lib Arts Elective (WC,AH,FA, FL)		3
XXXX	xxx3	Gen Ed - Natural Science elective (NS)		3
XXXX	xxx3	Open Elective		3
XXXX	xxx3	Lower Level Core		3
XXXX	xxx3	Lower Level Core		3
				15

FIFTH

xxxx	xxx3	Concentration Area 1 - Lower/Upper	3
XXXX	xxx3	Concentration Area 2 - Lower/Upper	3
XXXX	xxx3	Concentration Elective - Lower/Upper	3
COMP	5703	Technical Writing II	3
XXXX	xxx3	Liberal Arts Elective	3
IDST	5002	Interdisc Studies Capstone Des	2
			17

SIXTH

xxxx	xxx3	Concentration Area 1 - Upper	3
XXXX	xxx3	Concentration Area 2 - Upper	3
XXXX	xxx3	Concentration Elective - Upper	3
XXXX	xxx3	Concentration Areas Elective - Upper	3
XXXX	xxx3	Open Elective - Lower/Upper	3
			15

SEVEN

xxxx	xxx3	Concentration Area 1 - Upper	3
XXXX	xxx3	Concentration Area 2 - Upper	3
XXXX	xxx3	Concentration Areas Elective - Upper	3
XXXX	xxx3	Open Elective - Upper	3
XXXX	xxx3	Open Elective - Upper	3
IDST	7001	Interdisc Studies Capstone Prj	1
			16

EIGHT

xxxx	xxx3	Concentration Area 1 - Upper	3
XXXX	xxx3	Concentration Area 2 - Upper	3
XXXX	xxx3	Concentration Elective - Upper	3
XXXX	xxx3	Open Elective - Upper	3
XXXX	xxx3	Open Elective - Upper	3
			15

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 (will include math, written and oral communication, natural science and diversity/global awareness).
- 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