December 18, 2013

Elizabeth L. Bringsjord
Interim Provost and Vice Chancellor
State University of New York
System Administration
State University Plaza
Albany, NY   12246

Dear Dr. Bringsjord,

I am pleased to submit for your consideration the attached program announcement for an undergraduate program in Digital Forensics. The new program has been fully approved on campus via multi-level governance review.

We would appreciate your publication of this program announcement to the State University campuses to solicit any feedback they may have. Following the thirty day review period, we will conduct a site review, the results from which will be incorporated in the complete program proposal that we will submit. Should there be a need for additional information or clarification to facilitate processing, please contact Suzanne Freed, Asst Vice Provost for Undergraduate Education at sfreed@albany.edu.

Thank you for your consideration and assistance.

Sincerely,

Susan D. Phillips, Ph.D.
Provost and Vice President for Academic Affairs

Enclosure
c. Dr. Jeanette Altarriba, Vice Provost and Dean for Undergraduate Education
   Donald Siegal, Dean, School of Business
   Professor Sanjay Goel, Information Technology Management
   Ms. Suzanne Freed, Asst Vice Provost for Undergraduate Education

Before submitting a proposal for a new program leading to an undergraduate degree, a SUNY campus must submit a cover letter signed by the Chief Executive or Chief Academic Officer and a completed Program Announcement (PA) to the SUNY Provost at program.review@.suny.edu. The PA procedure is described at the end of this form.

Section 1. General Information	
Item	**Response** *(type in the requested information)*
a) **Institutional Information**	List each campus (and its 6-digit SED Institution Code) where the entire program will be offered: University at Albany State University of New York 210500
b) **Program Locations**	List the name and address of each off-campus location (e.g., extension site or extension center) where courses (but not the entire program) will offered, **or check here [X] if not applicable**. If applicable, send documentation to show that SUNY policy on off-campus locations has been followed.
	Will 50% or more of the program be offered at a distance? [ ] Yes [X] No
c) **Proposed Program Information**	Program Title: Digital Forensics
	Award(s) (e.g., A.A.S., B.A.): B.S.
	Number of Required Credits: Minimum [120] If tracks or options, largest minimum [120]
	Proposed Program Codes: HEGIS Code [0799.] 6-digit CIP 2010 Code [11.1003]
	If the program will be accredited, list the accrediting agency and expected date of accreditation:
	If applicable, list the New York State certificate title(s) and type(s) to which the program leads:
	If applicable, list the New York State professional licensure title(s) to which the program leads:
d) **Contact Person for Proposal**	Name and title: Suzanne K Freed Asst Vice Provost for Undergraduate Education Telephone: 518-242-6046 E-mail: sfreed@albany.edu
e) **Chief Executive or Chief Academic Officer Approval**	Name and title: Susan D Phillips, Ph. D. Provost and Vice President for Academic Affairs Email for receiving comments: provost@albany.edu Date: December 17, 2013
	If the intended program will be offered jointly with one or more other institutions, provide the following information for each institution:
	Partner institution's name, CEO's name and title:

In 300 or fewer words, describe the proposed program, including its purpose, content, structure, and duration.

Expected Enrollment	When Program Begins	In Year 5
Full-time students	45	121
Part-time students		

The BS in Digital Forensics is a 70 credit combined major/minor program completed in the context of a BS degree.

The proposed undergraduate curriculum in digital forensics is designed to nurture the development of students who are able to think critically, perform high-level analysis, adapt to changing environments through innovation and exploration and have a deep understanding of the technical, legal, financial and socio-psychological influences that are related to the practice of digital forensics and investigation of cyber-crime.

The need for Digital Forensics education has grown as use of computers in crime and fraud has become a significant threat in the United States and around the world.   This will be the first SUNY and public state institution in New York that offers a bachelor's degree in Digital Forensics.

The curriculum is structured with four components: Foundational principles, core competency, concentration and capstone. The first two components are designed to integrate the dissemination of fundamental principles with the cultivation of the critical skill set necessary for advance undergraduate coursework and interdisciplinary research. The remaining two components expand on these foundational skills to develop the topical expertise, technical depth, and independent analytic abilities that are essential to a well-rounded undergraduate educational experience.

This program will provide students with foundational technology skills in the areas of communications and networking, computer hardware, software development and database design, information security and the law. It will build core competency in the area of data preservation, examination and discovery in multiple areas including information security, criminal investigations, accounting and finance. The program culminates with capstone courses that consolidate the student learning in context of real problems. Overall, the program offers an academically rigorous preparation for students intending to pursue careers in digital forensics related fields as well as to pursue graduate education in the area of information security, digital forensics, and data analytics and law.

Section 3. Curriculum

Provide a list of all courses in the curriculum, including (Liberal Arts and Sciences, SUNY General Education Requirement, Transfer Path courses) to show the entire structure and content of the program. Expand or duplicate the table as needed for tracks, concentrations and specializations.

Lower Division		Upper Division (as applicable)	
Course Title	**Credits**	**Course Title**	**Credits**
APSY 101 – Introduction to Psychology	3 (LA, SS)	BFOR 300 – Databases for Digital Forensics	3
BFOR 100X - Introduction to Information Systems	4	BFOR 301 – Computer Forensics 1	3
RCRJ 281 – Introduction to Statistics	3 (LA, MS)	BFOR 302 - eDiscovery	3
IITM 215 – Information Technologies for Business	3 (LA)	BFOR 303 – Computer Forensics 11	3
ASOC 115 – Introduction to Sociology	3 (LA, SS)	BFOR 304 – Network and Mobile Forensics	3
RCRJ 201 – Intro to Crim Justice Process	3 (LA, SS)	BFOR 401W Advanced Digital Forensics	4
RCRJ 202 – Crim Justice and the Law	4 (LA)	BACC 400 Forensic Accounting and Fraud Detection	3
RCRJ 203 - Criminology	3 (LA, SS)	BFOR 402 Digital Forensics Moot Court	4
BFOR 202 – Cyber Crime Investigations	3	BACC 401 Forensic Accounting Investigative Techniques	3
BACC 211 – Financial Accounting	3		
BFOR 201 – Intro to Digital Forensics	3		
BFOR 203 - Networking – Intro to Communication w/lab	3		
BFOR 204 – Fundamentals of Information and Cyber Security	3		
Natural Sciences GE	3 (LA, NS)		
Humanities GE	3 (LA, HU)		
UUNI 110	3 (LA, BC)		
Arts GE	3 (LA, AR)		
US History GE	3 (LA, US)		
International Perspectives GE	3 (LA, IP)		
Foreign Language GE	3 (LA, FL)		
Challenges of the 21st Century Local GE	3 (LA)		
Liberal Arts Electives	21 (LA)		
Free Electives	6		
Total required credits:	91		29