TO: James Toole, Chair, Senate Executive Committee

FROM: Vincent Maloney, Chair, Curriculum Review Subcommittee *Vincent Maloney*

DATE: November 25, 2019

SUBJECT: Department of General Studies

The Curriculum Review Subcommittee supports the proposal from the Department of General Studies for a Concentration in Information Technology for the Bachelor of Applied Science. We find that the proposal requires no Senate review.

Approving	Not Approving	Absent

Clare Cholewa
Seth Green
Teresa Hogg
Carol Lawton
Sarah LeBlanc
Haowen Luo
Vincent Maloney
Susan Skekloff
Jin Soung Yoo

Degree/Certificate/Major/Minor/Concentration Cover Sheet

Date:

Institution: Purdue

Campus: Fort Wayne

School or College:

Department:

Location: 50% or more online: Yes   No

County:

Type:

Program name:

Graduate/Undergraduate:

Degree Code:

Brief Description:

Rationale for new or terminated program:

CIP Code:

Name of Person who Submitted Proposal:

Contact Information (phone or email):

Request for a New Major or Concentration

   I.   Name of proposed major, or concentration
          Bachelor of Applied Science with a Concentration in Information Technology

  II.   Title of degree to be conferred
          Bachelor of Applied Science

 III.   Field of study, department, and college involved
          Information Technology, General Studies, College of Arts and Sciences

 IV.   Objectives of the proposed major or concentration
          In addition to the learning outcomes associated with the [Bachelor of Applied Science degree program](), the proposed concentration in Information Technology shares the following student learning outcomes of the [Minor in Information Technology]():

- Knowledge of current Information Technology (IT) skills
- Ability to apply knowledge of IT to given situations
- Understand, evaluate and practice ethical behavior with the use of IT
- To be cognizant of security issues and their impacts on industry

  V.   Proposed Date of Initiation
          Fall 2020

 VI.   Describe the relationship of the proposed major or concentration to the mission of the campus or the department
          Almost every job needs to work with technology. This concentration provides insight into how today's technology is designed, developed, implemented, used and supported. For those interested in technology, this would provide a smaller snapshot into the Information Technology (IT) field and help Purdue Fort Wayne produce more technologically capable students to the Northeast Indiana region.

 VII.   Describe any relationship to existing programs within the campus
          The proposed concentration has been developed in collaboration with the Information Technology program in the School of Polytechnic and is based on the Minor in Information Technology. B.A.S. students with a concentration in Information Technology will also have the option of taking additional courses in Information Technology and related fields to further support their academic and career goals.

VIII.   Describe any cooperative endeavors explored and/or intended with other institutions or organizations
          No such efforts are currently planned.

IX.   Describe the need for the major or concentration

The Bachelor of Applied Science (B.A.S.) serves as a clear pathway for students who have earned Associate of Applied Science (A.A.S.) at a community college or other accredited institution to continue their education and earn a bachelor's degree. In fact, PFW is working to create articulation agreements with several community colleges in Michigan as a way to 1) provide additional pathways for A.A.S. students to earn B.A.S. degrees and 2) increase our enrollment on campus. The current B.A.S. offers prescribed concentrations in Business and Leadership and Supervision, and a flexible Interdisciplinary concentration that gives students the ability to design a curriculum that will meet their academic and career objectives. The proposed concentration in Information Technology will provide students who have earned an A.A.S. in a technical field to further their education and advance their career objectives by pursuing a bachelor's degree with a technical focus. Students completing this concentration will gain specific IT skills that are used in industry along with a deeper understanding of how IT supports industry.

X.   Describe the resources required over and above current levels to implement the proposed major or concentration*

The proposed concentration is based on the existing Minor in Information Technology, which is a fully-supported program on this campus. No additional resources will be required to support it.

XI.   A Liaison Library Memo

See attached.

XII.   Proposed curriculum

The proposed curriculum is based on the Minor in Information Technology, with supporting Ethics, Communication, and Writing courses that are required across the B.A.S. concentrations.

Prefix	Number	Title	Credit Hours
ITC	11000	Information Technology Fundamentals	3
ITC OR	13000	Programming Fundamentals I	3
ECET	11400	Introduction to Visual Basic	3
ITC	21000	Information Technology Systems	3
ITC	33100	Networks I	3
ITC	35000	Databases	3
ITC	37000	Human Computer Interaction	3
ITC	38000	Project Analysis Design And Implementation	3

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Prefix	Number	Title	Credit Hours
PHIL	11100	Introduction to Ethics	3
COM OR	30300	Intercultural Communication	3
COM OR	32300	Business and Professional Speaking	3
COM	32400	Introduction to Organizational Communication	3
ENGL	23401	Technical Report Writing	3

(9)

Total: 30 credit hours

Liaison Librarian Memo

Date:

From:

To:

Re:

Describe availability of library resources to support proposed new program:

 Comments:

Sarah Wagner   8-19-19
_____
Liaison Librarian Signature   *Date*

Please email academic_program@pfw.edu with questions about this form.
Send signed original to Associate Vice Chancellor for Academic Programs
Kettler Hall, Room 174

When developing a new degree program, major, certificate, minor, concentration, track, or specialization please review the questions below when developing your response to the library or additional resources sections. Please consult your liaison librarian for assistance.

Information Technology BAS

Library Resources

Address the following issues regarding the impact of the new program on the library's budget and personnel. Please respond to each item below indicating the library sources and services required to support the proposed program.

- o Which databases/indexing sources will be used by the courses in this program?
    - ACM Digital Library
    - IEEE Xplore
    - Scopus
    - Academic Search Premier
    - Business Source Complete

- o What are the journals that will be used by students completing library research in this program? Please list three to five titles. Is there an expectation that access to new journals will need to be purchased for students in this program?
    - *MIS Quarterly: Management Information Systems*
    - *IEEE Transactions on Cybernetics*
    - *Information Systems Research*
    - *Journal of the ACM*
    - *IEEE Transactions on Information Theory*

    The journals listed above and others related to information technology are covered in databases subscribed to by the library. The library performs a regular review of journal titles and databases subscription to consider adding or discontinuing subscriptions. The library will need to consider maintaining these subscriptions in upcoming budget requests in order to retain the same level of support for the program.

- o Are there any specific reference sources (e.g. encyclopedias, handbooks, standards, etc.) required to support the new program?

    At this time, no new references sources will be required to support the new major. If the program grows significantly, the demand for additional materials may necessitate the need for an increase in the recurring materials budget to cover the cost of ongoing subscriptions.

- Is there an expectation for additional books to be purchased? What about DVD or audio/visual materials? What is the estimated dollar amount needed yearly to support this program with new books and media materials?

  As the proposal is based primarily on existing courses, the current monograph budget should be adequate to keep the collection up-to-date.

- Will the new program use the Library's Document Delivery Services? Costs for this service come out of the Library's budget. What types of materials would the program be requesting through DDS?

  The addition of the new major in information technology should not significantly impact Document Delivery Services.

- Who is the liaison librarian for this program? The liaison librarian provides support through involvement in Blackboard-supported classes, one-on-one research consultations, in-class instructional sessions, and tailored course guides for research assignments. Which of these librarian services do you anticipate will be utilized in the new program?

  Sarah Wagner, wagners@pfw.edu, is the liaison librarian for this program. The liaison librarian will be able to provide all of the services listed above. New services may be added as recommended by the liaison librarian.

- Memo from Liaison Librarian regarding resources.

  See Attached.

- Is there an accrediting body that will be overseeing this program? What are the statements of the accrediting body related to the library, e.g. holdings, personnel, services?

  This major falls under the university's general accreditation from the Higher Learning Commission, for which the library has met accreditation standards in the past.