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360-01 Introduction to Application Development

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Xavier University

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Course Syllabus

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COURSE SYLLABUS

XAVIER UNIVERSITY WILLIAMS COLLEGE OF BUSINESS

INFO 360: Introduction to Application Development

INSTRUCTOR: Mark Sena

E-MAIL sena@xavier.edu

TELEPHONE: 745-3296

Office Hours: Tues 10-1130 Thurs 10-1130 and 5-6. Please email prior to office visit.

Textbook

[Excel VBA Programming for Dummies by John Wallenbach](#)

<http://proquest.safaribooksonline.com/book/programming/vba/9781119077398>

Free online access via Xavier Library's Safari Techbooks (note if off campus, must first logon to Xavier.edu/library). Hard copies of book are useful and fairly inexpensive.

<http://proquest.safaribooksonline.com.nocdbproxy.xavier.edu/book/programming/vba/9781118490389>

<http://proquest.safaribooksonline.com/book/programming/vba/9780470475355>

WILLIAMS COLLEGE OF BUSINESS MISSION: "We educate students of business, enabling them to improve organizations and society, consistent with the Jesuit tradition."

Course Description:

This course will introduce students to application development using Microsoft VBA for Excel. Students will learn the fundamentals of computer programming, including program logic, variable definition, input/output, error handling, looping, testing, etc., Students will also learn intermediate and advanced Excel skills, including creating custom functions, macros, and VBA code that extends the inherent capabilities of Excel.

Students are expected to have foundation skills in Excel prior to the class, including recording macros, pivot tables, intermediate functions (such as VLOOKUP), data cleansing functions, formulas with absolute and relative references, and other skills from INFO 120 and 220 or a comparable course.

This course reinforces the Information Systems program goals related to proficiency in software development and IT project management.

CLASS POLICIES

1. You are expected to attend each class meeting.
2. Assignments are to be submitted by the due date or you will lose points (10% every day late until the 5th day, after the 5th day the assignment will receive a maximum of 50%). Due dates, including late work deadlines will be indicated on the course home page. It is the students responsibility to keep track of all due dates.
3. "All work submitted for academic evaluation must be the student's own. Certainly, the activities of other scholars will influence all students. However, the direct and unattributed use of another's efforts is prohibited as is the use of any work untruthfully submitted as one's own." The penalty for violation of this policy will be a zero for that assignment if it is a first offense. Subsequent violation will result in an **F for the course** and a letter to the Dean.

You are encouraged to work together on the logic of a program but you must do the actual programming yourself.

DISABILITY SERVICES

It is my goal that this class be an accessible and welcoming experience for all students. If you are a student with a disability who may have trouble participating or effectively demonstrating learning in this course, contact me to arrange an appointment to share your Accommodation Letters from Disability Services and to discuss your needs. Disability related information is confidential. If you have not contacted Disability Services (located in the Learning Assistance Center) to arrange accommodations, I encourage you to do so by contacting Cassandra Jones, by phone at 513-745-3280, in person on the Fifth Floor of the Conaton Learning Commons, Room 514, or via e-mail at jonesc20@xavier.edu as soon as possible as accommodations are not retroactive."








EVALUATION

- Quizzes (3) 30%
- Assignments (3) 30%
- Final Project (team assignment with peer evaluation) 20%
- Final Exam 20%

Course Summary:

Date

Details

Date	Details
	 Assignment 1 (https://canvas.xavier.edu/courses/33331/assignments/235681)
	 Assignment 2 (https://canvas.xavier.edu/courses/33331/assignments/235682)
	 Final exam (https://canvas.xavier.edu/courses/33331/assignments/235683)
	 Final Project (https://canvas.xavier.edu/courses/33331/assignments/235684)
	 INFO 360 Assignment 3 (https://canvas.xavier.edu/courses/33331/assignments/235685)
	 Quiz 1 (https://canvas.xavier.edu/courses/33331/assignments/235686)
	 Quiz 2 (https://canvas.xavier.edu/courses/33331/assignments/235687)