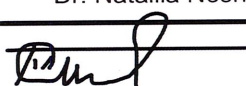

 FLORIDA ATLANTIC UNIVERSITY	COURSE CHANGE REQUEST Undergraduate Programs		UUPC Approval _____ UFS Approval _____ SCNS Submittal _____ Confirmed _____ Banner Posted _____ Catalog _____
	Department Information Technology and Operations Manage College Business		
Current Course Prefix and Number ISM 6455		Current Course Title Blockchain and Digital Business Transformation	
Syllabus must be attached for ANY changes to current course details. See Template . Please consult and list departments that may be affected by the changes; attach documentation.			
Change title to: Blockchain & Crypto Assets: Digital Business Transformation Change prefix From: _____ To: _____ Change course number From: _____ To: _____ Change credits* From: _____ To: _____ Change grading From: _____ To: _____ Change WAC/Gordon Rule status** Add <input type="checkbox"/> Remove <input type="checkbox"/> Change General Education Requirements*** Add <input type="checkbox"/> Remove <input type="checkbox"/> <small>*See Definition of a Credit Hour.</small> <small>**WAC/Gordon Rule criteria must be indicated in syllabus and approval attached to this form. See WAC Guidelines.</small> <small>***GE criteria must be indicated in syllabus and approval attached to this form. See Intellectual Foundations Guidelines.</small>		Change description to: Digital transformations encompass all organizations, business sectors, and society. This course provides a critical understanding of transformative technological innovations such as Blockchain, cryptocurrency, NFT, and other crypto products, and how they evolve business and society. Business strategies are discussed in the context of these innovations. Appropriate for all business disciplines. Change prerequisites/minimum grades to: Admission to FAU graduate program (remove prerequisite of ISM 6404 which was introduced by accident) Change corequisites to: No change Change registration controls to: No change Please list existing and new pre/corequisites, specify AND or OR and include minimum passing grade (default is D-).	
Effective Term/Year for Changes: Spring 2023		Terminate course? Effective Term/Year for Termination:	
Faculty Contact/Email/Phone Dr. Nataliia Neshenko/nneshenko2016@fau.edu/561-297-4323			
Approved by Department Chair  College Curriculum Chair <u>Anita Pennathur</u> College Dean <u>Ken Johnson</u> UUPC Chair  Undergraduate Studies Dean _____ UFS President _____ Provost _____		Date <u>08/16/2022</u> _____ 8/26/2022 8/26/2022 Sep 8, 2022 _____ _____ _____	

Email this form and syllabus to mjenning@fau.edu seven business days before the UUPC meeting.

Tamara Dinev

From: Hanqi Zhuang
Sent: Wednesday, June 15, 2022 10:26 AM
To: Tamara Dinev
Cc: Mihaela Cardei
Subject: Re: Blockchain courses: title and description changes

Dear Tamara,

EECS endorses the courses.

Best,
Hanqi

From: Tamara Dinev <tdinev@fau.edu>
Sent: Tuesday, June 14, 2022 4:00 PM
To: Hanqi Zhuang <zhuang@fau.edu>
Cc: Mihaela Cardei <mcardei@fau.edu>
Subject: RE: Blockchain courses: title and description changes

Dear Dr. Zhuang:

I would like to request your feedback on a proposed title, course description and prerequisite changes for the two courses below. Changes are indicated by the red font:

Blockchain & Crypto Assets: Business Implications (ISM 4451) 3 credits

The course provides a broad overview of **blockchain and crypto assets and their main characteristics**. The course covers the **business** fundamentals of **cryptocurrency, NFT, and similar crypto products**. Analysis of business models and strategies are discussed in the context of **blockchain and crypto** innovations. Appropriate for all business disciplines.

Blockchain & Crypto Assets: Digital Business Transformation (ISM 6455) 3 credits

Prerequisites: ~~ISM-6404~~ and Admission to FAU graduate program

Digital transformations encompass all organizations, business sectors, and society. This course provides a critical understanding of transformative technological innovations such as **Blockchain, cryptocurrency, NFT, and other crypto products**, and how they evolve business and society. Business strategies are discussed in the context of these innovations. Appropriate for all business disciplines.

The rationale for the proposed changes is that the societal and business discourse has now widely adopted the term “crypto assets” and “crypto products” as an encompassing term for the wide range of crypto products that are being developed and available in all sectors of the economy, not only in crypto currencies in finance.

Attached are the syllabi for the courses – they have not changed except to reflect the proposed title and course description.

Please let me know if you have any objections to the changes

Best Regards:
Tamara

=====

Tamara Dinev, Ph.D., Department Chair and Professor
Department of Information Technology and Operations Management, FL 219

College of Business, Florida Atlantic University

Boca Raton, Florida 33431

Google Scholar: <https://scholar.google.com/citations?user=YH8QZ-YAAAAJ&hl=en>

Blockchain & Crypto Assets: Digital Business Transformation

Wednesdays 6:30 pm – 9:20 pm
3 credits

Spring 2023

Dr. Nataliia Neshenko

Office hours: Wednesdays, 3:00 – 5:00 pm; Fridays, 1:00 – 2:00 pm

Classroom: Instructional Services Boca, room 113

Email: nneshenko2016@fau.edu



Course Description

Prerequisites: Admission to FAU graduate program

Digital transformations encompass all organizations, business sectors, and society. This course provides a critical understanding of transformative technological innovations such as Blockchain, cryptocurrency, NFT, and other crypto products, and how they evolve business and society. Business strategies are discussed in the context of these innovations. Appropriate for all business disciplines.

Instructional Method

The instructor will teach course in the assigned classroom and on the scheduled day and time. Live remote option is available for students who are asked to isolate or quarantine or cannot attend a class in-person for other reason.

Prerequisites/Corequisites

Admission to FAU graduate program

Other expectations

Students are expected to be familiar with the following:

- Using Windows—to create and navigate through directories; copy files with drives, directories, and file names specified; understand the purpose of directories; and understand the distinction between drives, directories, and files.
- Working knowledge of a text processing program.
- Working knowledge of a presentation software.

Course Objectives (CO)

By the end of the course, students will be able to:

- apply knowledge of digital business strategies, innovations, and blockchain technology appropriate to the discipline (CO#1)
- think about problem that may require technological innovations and blockchain (CO#2)
- analyze the local and global impact of technological innovations and blockchain technology on individuals, organizations, and society (CO#3)
- design, implement, and evaluate blockchain process, component, or program to meet desired needs (CO#4)
- communicate effectively in a variety of professional context (CO#5)
- function effectively as a member or leader of a team to accomplish a common goal (CO#6)

- support the delivery, use, and management of technological innovations, and blockchain-based projects (CO#7)
- recognize professional responsibilities and make informed judgments in blockchain project based on legal and ethical principles (CO#8)
- recognize of the need for and an ability to engage in continuing professional development (CO#9)

Supplemental Course Description

This course consists of two (2) subject matters:

- **Concepts** component examines blockchain innovations from technological and economic perspective, provides a foundational overview of how it works to recognize its possibilities and limitations; it also covers overarching concepts associated with digital business strategies and innovations in general. This part of the course follows the textbooks [Concepts 1] and [Concepts 2] chapters, and lecture notes. There are eleven (11) quizzes for this part of the course; they are designed to test students' understanding of the material in the lecture. Students are expected to attend scheduled lectures and read the recommended material before taking the quiz. Students are given two attempts, but they may see different questions each time they take the quiz. The highest score out of two (2) attempts is used to calculate the final grade. The instructor drops the result of one (1) quiz with a lower score. All quizzes are hosted and accessible on Canvas. In addition, students are given the opportunity to present a special topic (relevant to the course) of their choice for extra credits; more details on grading criteria and topics will be provided in class. See Course Outline for the detailed lesson and quiz coverage and dates. (The classes on Concepts have a yellow background.)
- **Skills** component teaches students to size up business problems quickly, builds confidence and critical thinking skills to take a position and persuasively express their ideas. The main learning media are the eleven (11) Harvard Business Cases. Each student must present one (1) selected Harvard Business Case and participate in all case discussions (oral and in-class group write-ups). All write-ups should be finished in class during lecture time. Submission guideline will be provided in class. Students must read a case study before the class discussion is planned. There is also one (1) final graded project. Detailed project description and grading criteria, as well as instructions on incremental submission, will be available on the course Canvas page. See Course Outline for detailed discussions and project dates. (The classes on Skills have a purple background for discussion related topics and pink background for project related topics.)

Required Material

Harvard Business School Coursepack:

- **[Cases]** Students are required to purchase the following Coursepack:
<https://hbsp.harvard.edu/import/883118>. More information will be provided in class.

Course textbooks:

Reference books:

- **[Concepts 1]** Jai Arun, Jerry Cuomo, Nitin Gaur, Blockchain for Business 1st Edition, Addison-Wesley Professional; 1st edition, 2020, ISBN-13: 978-0135581353
- **[Concepts 2]** Schilling, Strategic Management of Technological Innovation, 6e, 2020, McGraw Hill, ISBN: 978-1260565799
https://connect.mheducation.com/connect/login/index.htm?&BRANDING_VARIANT_KEY=en_us_default_default&node=connect_app_11_20

Lecture notes, reading assignments and resources will be posted on Canvas.

Course Resources

Students are expected and required to have dependable computer, Internet access, Microsoft Office (or compatible products), [Adobe Reader](#), and email account for this course. Zoom, computer speaker, and webcam are required for remote live class. This course is Canvas-based. All required materials, including link

to Harvard business cases, are accessible from Canvas. In addition, all course communications and announcements will be posted on Canvas; make sure to *set up the Canvas notification profile properly to receive class emails and announcements*.

Course Evaluation Method

Concepts		
Quizzes		30% (300 points)
Special topic presentation/write-up reflections (Optional, extra credits)		up to 5% (50 points)
Skills		
One case presentation		15% (150 points)
Case discussion participation		15% (150 points)
Term project		40% (400 points)
Total:		105% (1050 points)

All graded components are explained in the Supplemental Course Description section above.

Course Grading Scale

This course uses a point system for grading. The total available points are **1050**, including **50 extra points**. The grades are completely transparent on Canvas. To be fair to all students, *there will be no individual adjustment of any tests or assignment*; grades are assigned based on actual performance only.

Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F
Cutoff	930	900	870	830	800	770	730	700	670	630	600	0

Projects and Lessons Submission Policy

All lesson assignments should be submitted before the specified deadline. Late assignment will NOT be accepted—no exception! All quizzes are located on Canvas. Please follow the instructions carefully in downloading, completing, and uploading your files; no email or hand submission is accepted. Quizzes will be auto graded by Canvas. Term project submissions and case discussions will be graded based on grading rubrics; it is student's responsibility to carefully read grading rubrics and follow the instructions of the assignment. No assignments will be regraded because of one's failure to follow instructions, including, but not limited to, not having everything required or submitting the wrong file. Although working and learning together is allowed and encouraged, assignments (quizzes, presentations, cases, and reflection write-ups) are all individual work, unless otherwise specified in the assignment description; any inclusion of other people's work (such as from classmates, previously submitted files, or answers found online) will be treated as academic integrity violation, resulting a zero (0) for that submission. Term project is a group assignment that consists of several milestones; to receive grade for the project, the students are expected to contribute equally to the project.

Classroom Etiquette Policy

Disruptive behavior is defined in the FAU Student Code of Conduct as "... activities which interfere with the educational mission within classroom." Students who disrupt the educational experiences of other students and/or the instructor's course objectives in a face-to-face or online course are subject to disciplinary action. Such behavior impedes students' ability to learn or an instructor's ability to teach. Disruptive behavior may include but is not limited to non-approved use of electronic devices (including cellular telephones); cursing or shouting at others in such a way as to be disruptive; or other violations of an instructor's expectations for classroom conduct.

For more information, please see the FAU [Office of Student Conduct](#).

Attendance Policy

Students are expected to attend all their scheduled University classes and to satisfy all academic objectives as outlined by the instructor. Students are responsible for arranging to make up work missed because of legitimate class absence, such as illness, family emergencies, military obligation, court-imposed legal

obligations, or participation in university-approved activities. Examples of University-approved reasons for absences include participating on an athletic or scholastic team, musical and theatrical performances, and debate activities. It is the student's responsibility to give the instructor notice 24 hours prior to any anticipated absences and within a reasonable amount of time after an unanticipated absence, ordinarily by the next scheduled class meeting. Instructors must allow each student who is absent for a university-approved reason the opportunity to make up work missed without any reduction in the student's final course grade as a direct result of such absence.

Counseling and Psychological Services (CAPS) Center

Life as a university student can be challenging physically, mentally, and emotionally. Students who find stress negatively affecting their ability to achieve academic or personal goals may wish to consider utilizing FAU's **Counseling and Psychological Services (CAPS) Center**. CAPS provides FAU students a range of services – individual counseling, support meetings, and psychiatric services, to name a few – offered to help improve and maintain emotional well-being. For more information, go to <http://www.fau.edu/counseling/>.

Accessibility Policy

In compliance with the Americans with Disabilities Act Amendments Act (ADAAA), students who require reasonable accommodations due to a disability to properly execute coursework must register with **Student Accessibility Services (SAS)** and follow all SAS procedures. SAS has offices across three of FAU's campuses – Boca Raton, Davie, and Jupiter – however disability services are available for students on all campuses. For more information, please visit the SAS website at www.fau.edu/sas/.

Code of Academic Integrity

Students at Florida Atlantic University are expected to maintain the highest ethical standards. Academic dishonesty is considered a serious breach of these ethical standards, because it interferes with the university mission to provide a high-quality education in which no student enjoys an unfair advantage over any other. Academic dishonesty is also destructive of the university community, which is grounded in a system of mutual trust and places high value on personal integrity and individual responsibility. Harsh penalties are associated with academic dishonesty. For more information, see [University Regulation 4.001](#).

Incomplete Grade Policy Statement

A student who is passing a course but has not completed all work due to exceptional circumstances may, with consent of the instructor, temporarily receive a grade of incomplete ("I"). The assignment of the "I" grade is at the discretion of the instructor, but it is allowed only if the student is passing the course.

The specific time required to make up an incomplete grade is at the discretion of the instructor. However, the College of Business policy on the resolution of incomplete grades requires that all work required to satisfy an incomplete ("I") grade must be completed within a period not exceeding one calendar year from the assignment of the incomplete grade. After one calendar year, the incomplete grade automatically becomes a failing ("F") grade.

Withdrawals

Any student who decides to drop is responsible for completing the proper process required to withdraw from the course.

Grade Appeal Process

A student may request a review of the final course grade when s/he believes that one of the following conditions apply:

- There was a computational or recording error in the grading.
- Non-academic criteria were applied in the grading process.
- There was a gross violation of the instructor's own grading system.

The procedures for a grade appeal may be found in FAU [Regulation 4.002](#).

Policy for Using Canvas Email or Other University Resources

[University Policy 12.2](#) explicitly states that “Personal/Financial Use: University technology resources may not be used for personal financial gain unless approved by the President or Provost. De minimis non-commercial personal use is permitted so long as such use does not violate any other provision of this policy or interfere with job responsibilities. Email blasts for personal purposes are not permitted.” This includes, but is not limited to, use of Canvas account or university email for commercial gains. As stated in [University Policy 12.2](#), violations are grounds for disciplinary action up to and including termination or expulsion.

Course Topical Outline

Date	First Half			Second Half	Term Project
	Topic	Material	Quiz	Topic	
01/12	Welcome to ISM 6930: Course Overview.	Syllabus	Syllabus Quiz Due: 01/18/22	[Cases] A Decentralized Token Economy: How Blockchain and Cryptocurrency Can Revolutionize Business	Form project team Due: 01/18/22
	Blockchain for Business: An Introduction	[Concepts 1] Chapter 1 [Notes] Unit 1			
01/19	Blockchain: Opportunities and Challenges	[Concepts 1] Chapter 2 [Notes] Unit 2	Quiz Due: 01/25/22	[Cases] Blockchain Is Changing How Companies Can Engage with Customers	
01/26	Blockchain for Business: Technology Landscape	[Concepts 1] Chapter 3 [Notes] Unit 3	Quiz Due: 02/01/22	[Cases] Ethereum: Navigating the Blockchain's Sustainability Versus Profit Dilemma	Term Project Milestone 1: Description and Proposal Due: 01/26/22
02/02	Blockchain for Business: Path to Blockchain Enterprise Adoption	[Concepts 1] Chapter 4 [Notes] Unit 4	Quiz Due: 02/08/22	[Cases] Ripple: The Business of Crypto	
02/09	Blockchain for Business: Governance Structure for Blockchain Networks	[Concepts 1] Chapter 5 [Notes] Unit 5	Quiz Due: 02/15/22	[Cases] Maersk: Betting on Blockchain	
02/16	Blockchain for Business: Enterprise Structure for Blockchain Projects	[Concepts 1] Chapter 6 [Notes] Unit 6	Quiz Due: 02/22/22	[Cases] Alibaba in Blockchain: Integrating Blockchain-based Remittances into Cloud Services	Term Project Milestone 2: Plan your Workflow Due: 02/16/22
02/23	Blockchain for Business: Financial models and Risk Framework. Future of blockchain technology	[Concepts 1] Chapter 7,8 [Notes] Unit 7	Quiz Due: 03/01/22	[Cases] BYD: Blockchain-Enabled Green Ecosystem	
03/02	Strategic Management of Tech Innovations: Accelerated Cycle of Technology Innovation Impacting Business Strategies	[Concepts 2] Chapter 1,2 [Notes] Unit 8	Quiz Due: 03/15/22	[Cases] A Crisis of Ethics in Technology Innovation	
03/16	Strategic Management of Tech Innovations: Innovation Types, Patterns, and Dimensions. Product innovation vs. process innovation	[Concepts 2] Chapter 3 [Notes] Unit 9	Quiz Due: 03/22/22	[Cases] Digitizing Isn't the Same as Digital Transformation	Term Project Milestone 3: Analysis and Validation Due: 03/16/22
03/23	Strategic Management of Tech Innovations: Defining the Organization's Strategic Direction	[Concepts 2] Chapter 6 [Notes] Unit 10	Quiz Due: 03/29/22	[Cases] Fidelity Labs & the Digital Transformation	
03/30	Strategic Management of Tech Innovations: Organizing for Innovation	[Concepts 2] Chapter 10 [Notes] Unit 11	Quiz Due: 04/05/22	[Cases] Cloud Wars Go Global: How Amazon, Microsoft, Google and Alibaba Compete in Web	
04/06	Strategic Management of Tech Innovations: Managing the New Product Development Process	[Concepts 2] Chapter 11 [Notes] Unit 12	Quiz Due: 04/12/22	[Cases] Implementing a Digital Strategy: Learning from the Experience of Three Digital Transformation Projects	
04/13	Project presentations				Term Project Milestone 4: Final Report and Presentation Due: 04/13/22; 04/20/22
04/20	Project presentations				

Topics:

Digital business Transformation Concepts
Real world connection
Term Project

Reference

[Concepts 1], [Concepts 2] Textbooks
[Notes] Class Lectures on Canvas
[Cases] Harvard Business Cases
Project & Milestones' Description on Canvas

* * *

The instructor reserves the right to adjust this syllabus as necessary.