Syllabus
Blockchain in the Global Economy

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OVERVIEW

Blockchain is allowing fundament changes to global economic structures. As you may know, the technologies under this blockchain umbrella include…distributed ledger technologies, cryptography and a means for consensus validation amongst participants, smart contracts or programmable process instructions and automation and finally digital currencies. Satoshi Nakamoto brought these under one umbrella with his whitepaper outlining the fundamentals for the first blockchain application, bitcoin.

The true power of blockchain comes from the ability to create applications and functionality for global networks of companies, both open and private network applications. Having a single source of the truth in the distributed ledger, a means for validation without a central authority, maintainable network data models, automation with smart contract code and programmable….will change the way we interact, transact and engage with one another.

This class will include the following learning opportunities:
- Initial overview of blockchain technologies
- Identifying some of the leading blockchain projects and technologies.
- Review of some of the accurate literature on the topic
- Deep dive technology discussions on the primary blockchain code bases, means of consensus, integration across platforms, smart contract code, front ends, semantic web and other key enablers.
- Creating public and private blockchain applications
- Blockchain economics. The history of monetary systems, asset backed currencies, lending and macro-economic principles at play
- A blockchain use case competition and project.

OBJECTIVES

- Technical blockchain foundation.
- Identify primary use cases and present a blockchain business opportunity

LEARNING GOALS

- Critical Thinking
- Communication
- Discipline Specific Knowledge
- Ethical Awareness and Reasoning
- Global Awareness

SUGGESTED TEXT (NOT REQUIRED)

TEXTBOOK: *A series of papers and documents provided by the instructor. It's changing so quickly.*

SUPPLEMENTAL MATERIAL:

I will provide additional content and articles on our Blackboard site throughout the semester.

ATTENDANCE & PARTICIPATION

Attendance is mandatory. You are encouraged and will be asked to participate in classroom discussions.

Please bring your name tent to class and display it proudly. This helps me know you and remember you.

POINTS

		Grades scored between	will equal
200	Codebase	97 % and 100%	A+
		94 % and less than 97%	A
200	Glossary	90 % and less than 94%	A-
		87 % and less than 90%	B+
100	Writing Assignment	84 % and less than 87%	B
		80 % and less than 84%	B-
200	Blockhain Use Case	76 % and less than 80%	C+
		70 % and less than 76%	C
300	Blockchain Business Plan + Participation	60 % and less than 70%	D
_____		0 % and less than 60%	E
1000	**Total Points Possible**		

All assignments must be submitted before the due date and
time. The total points earned at the end of the semester determine your grade for the course.

SCHEDULE OF CLASSES
An Excel™ spreadsheet is posted to Blackboard™ providing a detailed schedule of class topics, reading
assignments, graded assignments, and due dates.   It may be updated as we go through the semester.

ACADEMIC INTEGRITY
Please do not cheat. Please do not allow anyone else to cheat.

All work must be YOUR original work. You certainly may discuss assignments with other students and
other teams, in fact, I encourage you to discuss assignments outside of class; but you may not share
your work for any reason. Representing someone else's work as your own is a form of *plagiarism*,
whether it is from another student or from an Internet source. Course content, including lectures, are
copyrighted material and students may not sell notes taken during the conduct of the course (see ACD
304–06, "Commercial Note Taking Services" for more information).

TITLE IX
Title IX is a federal law that provides that no person be excluded on the basis of sex from participation in, be denied
benefits of, or be subjected to discrimination under any education program or activity. Both Title IX and university
policy make clear that sexual violence and harassment based on sex is prohibited. An individual who believes they
have been subjected to sexual violence or harassed on the basis of sex can seek support, including counseling and
academic support, from the university. If you or someone you know has been harassed on the basis of sex or
sexually assaulted, you can find information and resources at https://sexualviolenceprevention.asu.edu/faqs.

ACCOMMODATIONS FOR DISABILITIES
When requesting accommodation for a disability, students must be registered with the Disability
Resource Center (DRC) and submit appropriate documentation from the DRC.