**Global Learning Initiatives Program Course Syllabus**

Please complete the following form in English. The information will be updated to the Global Learning Initiatives Program website for students’ reference. If you will be offering more than one course, please fill out one form per course offered. Examples in grey.

**Course Information**

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| --- | --- |
| Course Name  \*provide the **English** course name of the course. | Blockchain and Law |
| Lecturer(s)  \*provide the lecturers’ **English** name. If there are more than one lecturer, please indicate all lecturers in the column. | Mark L. Shope |
| Course Description  \*briefly describe the contents covered in the courses. | This is course is designed to introduce students to the emerging social, economic, and legal issues associated with blockchain and crypto-enabled technologies. We will explore and theorize about legal and policy issues regarding the development and application of blockchain. |
| Course Objectives  \*list out knowledge or skills students should acquire upon completion of course. | At the conclusion of the course, you will be able to do the following:  1. Evaluate the various views, including economic theories, concerning the rationale for and objectives of the blockchain with a view to guide further learning;  2. Recognize the various motivations that drive the development of blockchain and the role, work, and ethical considerations of a legal professional in this context;  3. Compare the basic aspects of blockchain; and  4. Use sound research methods to analyze various blockchain regulatory issues. |
| Suggested Proficiencies  (if any)  \*list preferred knowledge or skills students should have before taking the course. | English ability |
| Reading List  (if any)  \*list out the textbooks, references, or other reading materials. | Relevant readings will be distributed on e3. |
| Grading Criteria  \*how would the students be assessed during the course. | 40 % Final Project  60 % Final Exam |

**Course Schedule**

Please complete the following table with the dates and expected course topics. If there are more than one lecturers instructing the course, please also indicate the lecturer for each class.

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| --- | --- | --- | --- |
| Class | Date (YYYY/MM/DD) | Course Topic | Lecturer |
| Week 1 |  | Topic 1a: Background on Property, Contract, and Money  Topic 1b: Introduction to Blockchain Technology and Smart Contracts | Mark L. Shope |
| Week 2 |  | Topic 2a: Cryptography, Signatures, Keys, Hash Functions  Topic 2b: Decentralization, Consensus, Proof of Work, Mining | Mark L. Shope |
| Week 3 |  | Topic 3a: Cross-border Commercial Transactions, Trade Finance, Shipping Documents  Topic 3b: Tracking, Traceability, Transparency; Supply Chain & Logistics | Mark L. Shope |
| Week 4 |  | Topic 4a: Disintermediation, Efficiencies  Topic 4b: Regulatory Compliance, Due Diligence, Internal Compliance | Mark L. Shope |
| Week 5 |  | Topic 5a: Climate Change and Sustainability: Regenerative Agriculture, Conscious Consumption & Agricultural Insurance  Topic 5b: Carbon Markets, Climate Finance, Transactions in Energy | Mark L. Shope |
| Week 6 |  | Topic 6a: Blockchain in the Courtroom: Evidence, Warrants, Records Management  Topic 6b: Blockchain Dispute Resolution | Mark L. Shope |
| Week 7 |  | Topic 7a: Land Registry, Land Use, Property Markets  Topic 7b: Digital Identity, Verification, and Privacy | Mark L. Shope |
| Week 8 |  | Topic 8a: Healthcare, Medical Records  Topic 8b: Pharmaceutical Supply Chain | Mark L. Shope |
| Week 9 |  | Topic 9a: Introduction to Decentralized Autonomous Organizations (DAOs)  Topic 9b: DAOs, Financing, Commercial Transactions, Legal Issues | Mark L. Shope |
| Week 10 |  | Topic 10a: Securities Regulation, Capital Markets  Topic 10b: Commodities Regulation, Tax Issues | Mark L. Shope |
| Week 11 |  | Topic 11a: Blockchain Regulation, Antitrust  Topic 11b: Intellectual Property | Mark L. Shope |
| Week 12 |  | Topic 12a: New Institutions, New Conceptualizations, and New Paradigms  Topic 12b: The Future and Philosophy | Mark L. Shope |
| Week 13 |  | Final Projects | Mark L. Shope |
| Week 14 |  | Final Projects | Mark L. Shope |
| Week 15 |  | Final Projects | Mark L. Shope |
| Week 16 |  | Final Exam | Mark L. Shope |