Current Catalog Description:

Textbook and References:
No particular textbook but several references and handouts in the class. Papers from the recent conferences will be used for defining the requirements, architecture, design, implementation, and deployment

Course Outcomes:
1. Basic operation of a blockchain
2. Understanding basic operation of smart contracts
3. Basic understanding installation of tools such as Solidity, Truffle, IPFS,
4. Designing a smart contract application
5. Able to deploy and test the smart contract
6. Able to do performance analysis of smart contract

Prerequisites by Topic:
Java, or C++ or Python (also able to pick up JavaScript)

GRADING SCHEME

•Grading
30 – Seminars and weekly status
10% -- Project Plan (Literature Survey + Architecture +Project Plan)
20% -- Project Report (design document, midterm results)
20% --Project Report (Final)
20% -- Class Participation
COURSE POLICIES

- Attendance for this course is mandatory. A student absent for more than 3 classes will be dropped from the class.
- I may be covering topics not in the text book. It is at the best interest of students to attend all the classes. It is students responsibility to contact other students for notes/announcements for the missed classes.
- We have listed reference books for the course. However, lot of subject matter will be covered from the handouts and the research papers.
- **ABSOLUTELY, NO LATE homework/projects/term paper graded.**
- All homework/projects/term paper and experimental reports be turned in at the START of class on the date due. DO NOT email your homework/project report to me. Where ever applicable, you should submit through “project” option on the server.
- All students will be trusted to pursue their academic careers with honesty and integrity. Academic dishonesty includes, but not limited to, cheating on a test or other course work, plagiarism, unauthorized collaboration with other persons. Students found guilty of dishonesty will be subject to penalties that may include suspension from the university.
- Instructor reserves the right to modify course policies, the course contents and the order in which the topics are covered.
- If a students needs any special accommodations according to the American Disability Act, he or she should let the instructor know.

**Disabilities Accommodation:**
The University of North Texas complies with Section 504 of the 1973 Rehabilitation Act and with the Americans with Disabilities Act of 1990. The University of North Texas provides academic adjustments and auxiliary aids to individuals with disabilities, as defined under the law. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring accommodation, please see the instructor and/or contact the Office of Disability Accommodation at 940-565-4323 during the first week of class.