**ITEC 201.851 Schedule Spring 2024:**

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| **Class** | | **Date** | **Assignments** | **Class Topics & Assignments** |
| 1 | | Tue, 1/30 (Zoom) |  | Syllabus & Course Introduction &  **Groups** |
| 2 | | Tue, 2/06 (Zoom) | Mon, 2/05  2 Discussion Board Questions | **Chapter 1: Envisioning Intelligent Cities &**  Digital Divide/barriers to access  Cultural, Economic, Cost, and Social Aspects  Social aspects of technology |
| 3 | | Tue, 2/13 (Zoom) | Mon, 2/12  4 Discussion Board Questions | **Chapter 2: Mobile Technologies and Applications for Intelligent Cities &**  GPS  Basics of IT infrastructures &  Server-Client Architectures &  Networks and Wireless Communications &  Internet, Intranets and Extranets  **Groups Selected** |
| 4 | | Tue, 2/20 (Zoom) | Mon, 2/19  5 Discussion Board Questions | **Chapter 4: Big Data Analytics for Real-Time City Insights &**  Resource Allocations &  Brain Drain &  Resource Management and Business Intelligence &  Big Data &  Cloud Computing |
| 5 | | Tue, 2/27 (Zoom) | Mon, 2/26  Group Topic | **Chapter 5: The Internet of Things for Connected and Cognitive Cities &**  Educational Technologies (K-12 & Higher Ed) |
| 6 | | Tue, 3/05 (Zoom) | Mon, 3/04  4 Discussion Board Questions | **Chapter 6: Social Media Analytics for People Empowerment &**  **Lab Metropolitan Baltimore Due** (see Discussion Board) |
| 7 | | Tue, 3/12 (Zoom) | Mon, 3/11  4 Discussion Board Questions | **Chapter 7: Intelligent Cities: Strategy-Making and Governance &**  IT solutions for local and state government &  Contracting Practices &  Proposals, budgets and project creation &  RFPs, Proposals, and Selection Process |
|  | | Tue, 3/19 |  | **Spring Break** |
| 8 | | Tue, 3/26 | Friday, 3/29  Group Phase 1 Research Due | **Midterm – Online (Tue, 3/26)**  **Class 1 -7**  **4-9 pm** |
| 9 | | Tue, 4/02 (Zoom) | Mon, 4/01  3 Discussion Board Questions | **Chapter 8: Smart Homes and Buildings &**  Telecommunication Infrastructure &  Analog vs. Digital &  Voice over IP (VoIP) &  Cable TV |
| 10 | Tue, 4/09 (Zoom) | | Mon, 4/08  7 Discussion Board Questions | **Chapter 9: Smart Energy, Utility and Transport**  Green IT &  Energy (Smart Grids) &  Sensors and sensor networks |
| 11 | Tue**,** 4/16 (Zoom) | | Mon, 4/15 3 Discussion Board Questions Friday, 4/19 Group Phase 2 | **Chapter 10: Intelligent Airports**  Traffic &  Public Transportation & Spatial IT |
| 12 | Tue**,** 4/23 (Zoom) | | Friday, 4/26 Phase 3 | **Chapter 11: Next-Generation Healthcare Systems &**  Healthcare and IT (Patients, Staff, and Records) &  Reporting of Information &  News Reporting |
| 13 | Tue, 4/30 (Zoom) | |  | **Chapter 12: Security Management of Intelligent Cities &**  Information security and assurance &  Surveillance &  RFID &  Law enforcement and Crime &  Tracking Emergency Resources &  Tracking Offenders &  Agency Information Exchange |
| 14 |  | | Friday, 5/07  Group Paper & Presentations |  |
| 15 | Mon, 5/10 | | Mon, 5/10  Group Project evaluations |  |
|  | **Wednesday, 5/15 4-9 pm** | |  | **Final Exam – online**  **Class 9-12** |

Schedule is subject to change either due to weather cancellations, delays or professor discretion. Any announcements in class on schedule changes override this schedule. It is the responsibility of the student to be aware of any and all changes.