Information Technology Curriculum -- Class of 2022

Fall 2019
CY300 Programming Fundamentals (Python)
CY355 Cyber Foundations – Computing

Spring 2020
CY350 Network Engineering & Management (Cisco IOS)
IT384 Network System Programming (Python)

Fall 2020
IT392 Network Services Management (Microsoft and Linux server operating systems)
IT393 Database Design and Implementation (MySQL, Hadoop, NoSQL)
EM411 Project Management

Spring 2021
IT394 Distributed Application Development (Python Django)
IT383 User Interface Development (Python)
One IT Application Depth Thread course (course examples: SS464 Homeland Security; DS345 Military Innovations; EV398 Geographic Information Systems; EM484 Dynamic Systems Analysis)

Fall 2021
CY450 Cyber Security Engineering
IT460 Cyber Policy, Strategy & Operations
XE401 IT System Development I (a nine month team project experience for a real client)
One IT Application Depth Thread course (course examples: SS464 Homeland Security; DS345 Military Innovation; EV398 Geographic Information Systems)

Spring 2022
EE360 Digital Computer Logic (programmable logic devices – microcontrollers and FPGAs)
IT400 Information Technology Professional Considerations
XE402 IT System Development II (a nine month team project experience for a real client)
One IT Application Depth Thread course (course examples: SS465 Terrorism: New Challenges; DS475 Strategic Decision Making; EV498 Advanced Geographic Information Systems)

** For more information, contact LTC Babbitt.