

# Information Technology Curriculum -- Class of 2014

## Spring 2012

IT305 Theory and Practice of Military IT Systems (Microsoft Access and Microsoft ASP)

## Fall 2012

CS350 Database Design and Implementation (MySQL)

IT300 Programming Fundamentals (Python)

IT382 Network Infrastructure Management (Cisco IOS)

## Spring 2013

CS450 Distributed Application Engineering (Ruby on Rails)

IT384 Network System Programming (Python)

IT392 Network Services Management (Microsoft and Linux server operating systems)

EE360 Digital Computer Logic (programmable logic devices – microcontrollers and FPGAs)

## Fall 2013

IT383 User Interface Development (C#)

IT401 IT System Development I (a nine month team project experience for a real client)

EE375 Introduction to Computer Architecture

One IT Application Depth Thread course (course examples: SS464 Homeland Security; DS345 Military Innovations; EV398 Geographic Information Systems; EM484 Dynamic Systems Analysis)

## Spring 2014

IT402 IT System Development II (a nine month team project experience for a real client)

CS482 Cyber Security

One IT Application Depth Thread course (course examples: SS465 Terrorism: New Challenges; DS385 Sustaining the Force; EV498 Advanced Geographic Information Systems; EM411 Project Management)

IT400 Information Technology Seminar

\* The Information Technology Major is accredited by the Computing Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD 21202.

\*\* For more information, contact COL Sobiesk or Dr. Reynolds.