MATH-IT Advising Tree (10/20/2016) (by Dr. Strazzullo)

**MIT Courses**

225 Hardware and operating system
245 Introduction to network technology

265 Systems administration

325 Network architecture

**Cyber Attacks** (all 4hrs)

336 System assurance security

446 Cyber defense and counter measures

456 Cyber attacks and ethical hacking

**Computer Forensics** (all 4hrs)

335 Organization security and cyber attacks

445 Application security

455 Computer forensics

A grade of *C* or higher is considered a passing grade.

Fall 1

Spring 1

Fall 2

Spring 2

Integrate this tree with the one designed for the Math Major, following these requirements:

**Major Required Courses** (**22):**

MAT 121 Pre-Calculus (4)

MAT 215 Computer Programming (4)

MAT 221 Calculus I (4)

MAT 321 Calculus II (4)

MAT 330 Discrete Mathematics

MAT 450 Senior Seminar in Mathematics

**Major Elective Courses (9-10):**

MAT 310 Abstract Algebra, AND

at least 6 hours of 400-Level MAT

Fall 3