Course

Code	TC2027	Name	Computer and Information Security	Group	1
Time	4pm-6pm Monday/Thursday	Room	3204	Platform	KensCourses

PROFESSOR

Name	Ken Bauer
Email	kenbauer@itesm.mx
Professional Activities	• Member of the Association for Computing Machinery • Chair of the Board of the Flipped Learning Network • Associate Professor, Computer Department
Office Hours in EIC-4	8am-6pm by appointment at https://kenbauer.youcanbook.me

COURSE

Course Objective	Upon completion of this course, students will have gained an overview of the area of computer security and the basic knowledge needed to understand the risks, threats and vulnerabilities of computer systems in today's world, as well as the controls and protection methods against possible attacks, which are indispensable for these systems to work properly in contemporary companies. They will also be familiar with the existing national and international laws related to computer system security.
Course Pedagogical Foundation	Similar to my other courses this course employs a connectivist and open pedagogical approach. You will create and share a publicly visible blog for this course. You can use an existing blog (with some work to isolate your work in this course from other posts) but it is probably best to create your own blog. More details in assignments. You can also choose to remain anonymous with your blog posts. If having a publicly visible blog is a problem, please talk to me to find another option.

EVALUATION MILESTONES

First Partial	**You will make an appointment to see me in my office about your progress before the end of the 1st partial.**
Second Partial	**You will make an appointment to see me in my office about your progress before the end of the 2nd partial.**
Final Exam	**You will make an appointment to see me in my office about your progress before the end of the last partial.**

Course Evaluation

Partial 1 and 2	
Interview with Ken to judge performance to that point of the semester.	**100%**
Final Evaluation	
Pair lead topic discussion 1	**10%**
Pair lead topic discussion 2	**10%**
Blog posts (8-10 is the target)	**40%**
Attendance	**10%**
Community	**30%**

COURSE POLICIES

Classroom behaviour

We work in a shared space, please give (and expect) the respect that all others in this shared space deserve and expect.

As a student (and the instructor as a staff member) you agree to abide by the academic regulations of the Tecnológico de Monterrey including the Academic Integrity policy.

Attendance

Please make every effort to attend and actively participate in each class meeting. However, you are free to choose not to attend a class meeting if the circumstances warrant. Only realize that you are responsible for classes you miss. If low attendance becomes a persistent issue, a more restrictive policy may be put in place.

General

Note that we are using an educational paradigm that is called the "Flipped Classroom" (but very much in Ken's style) in this course. This will be a change for you in that you are responsible for reviewing any videos, reading of textbooks or other materials requested outside of classroom time. The time inside the classroom is principally dedicated to active discussion or asking questions about programming problems or theory from materials that you or your classmates did not understand.

Please keep food outside of the classroom.

REFERENCE MATERIAL

Textbook   **No official textbook, we will be using various resources during the course.**

References   **Various, you can start with these:**

- Yet Another Introductory Number Theory Textbook
- Lynda Courses on CompTIA Security+ (SY0-401) by Mike Chapple
- CompTIA Security+ (SY0-401) material from Professor Messer

Analytic Program

Link here:
http://serviciosva.itesm.mx/PlanesEstudio/Consultas/Materias/ConsultaMaterias.aspx?Form=Consultar_Materias_SinteticoEsp&ClaveMateria=TC2027