

Product Name	MyCrimeKit
Course Name	Forensic Science
Credit Hours	Three

Key Results	MyCrimeKit provides a lot of visual aids and different interactive items which appealed to students to explore more. It successfully helped students to build a good understanding on sciences.
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## Text

Saferstein / *Criminalistics*

## Implementation

This is an appreciation course for students to understand science. It is open to all students in NTU. The objective of the course is to provide an understanding on how scientific methods can be applied in criminal and police situations for students. The course aims at providing general knowledge of forensic science. The use of chemicals and chemical technology to commit and to detect criminal offences is introduced together with the modern development of crime detection. The course will also cover some aspects of crime scene physical evidence, such as fingerprinting, firearms and ammunition, hair, fibres, drug identification, serology, DNA methods.

This is a large class with up to 1600 students. It is not easy to motivate students to learn. We look for ways to make the course fun and interactive, as many students do not have a science background. Using online technology is one of the key solutions that we are looking at.

## Assessment

80% Final Examination

20% Continuous Assessment

Includes a mid-term presentation whereby students break into smaller groups and present key topics.

## Use of MyCrimeKit

The final examination includes written assessment and multiple choice questions in a ratio of 40:60. Some of these questions are referenced from MyCrimeKit.

Although it is not compulsory for students to purchase the textbook or any learning materials as this is a general education course, we try to include interesting topics from textbook and MyCrimeKit to encourage students to use them. Students are given extra credits if they have completed certain exercises in MyCrimeKit.

## Results and Data

In order to understand whether MyCrimeKit can fulfil the need, a student satisfaction survey was run. There were 1533 participants for this survey. With regards to the overall experience, 72% of participants rated good or excellent user experiences. Only 3.9% rated it poor or very poor. In addition, in a scaled rating on the perception of using MyCrimeKit, 69% agreed the system is easy to use and 67% said MyCrimeKit made the course more visual and interactive. MyCrimeKit definitely helped to achieve the goal of making the course more interesting for students.

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
MyCrimeKit was fairly easy to use.	220	832	316	97	23
MyCrimeKit made the course more visual and interactive.	210	810	395	61	12
MyCrimeKit helped me to achieve a higher grade in my course than I would have received otherwise.	116	593	714	59	6
I wish I had a program like this in some of my other courses.	218	715	475	63	17

It was also amazing to see 82% would recommend lecturers to use MyCrimeKit for future courses. It affirms that students welcome such interactive visual online learning tools for study. It was also reflected from the students' quotes below on how they like the products:

- It is a portal whereby you can test your knowledge of concepts learnt in class. You can keep going back to it to constantly refresh that knowledge. There are also resources beyond the textbook (eg. web extras) that provide an added dimension to learning.
- MyCrimeKit is very useful because not only it provides you with additional information about what we are learning during class but there are also practices that we can do which I find it very useful.
- I would describe MyCrimeKit as a dictionary just for forensic science. It is a useful guide that enables one to understand each topic better and further understand useful key terms for each of the topic.
- It serves as a good revision for students who are not able to cope with the Forensic Science Module. By attempting the questions, they will be able to perform well in this module.
- I am enriched with more information about forensic science with the aid of my textbook! Bringing pictures as well as the laboratory readings and graphical information really ensured a better learning experience for me.

### Conclusion

To engage a large audience without scientific background in a forensic science course is not an easy task. MyCrimeKit provides a lot of visual aids and different interactive items which appealed to students to explore more. It successfully helped students to build a good understanding on sciences.

*Submitted by Prof. Drasko Vidovic  
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