



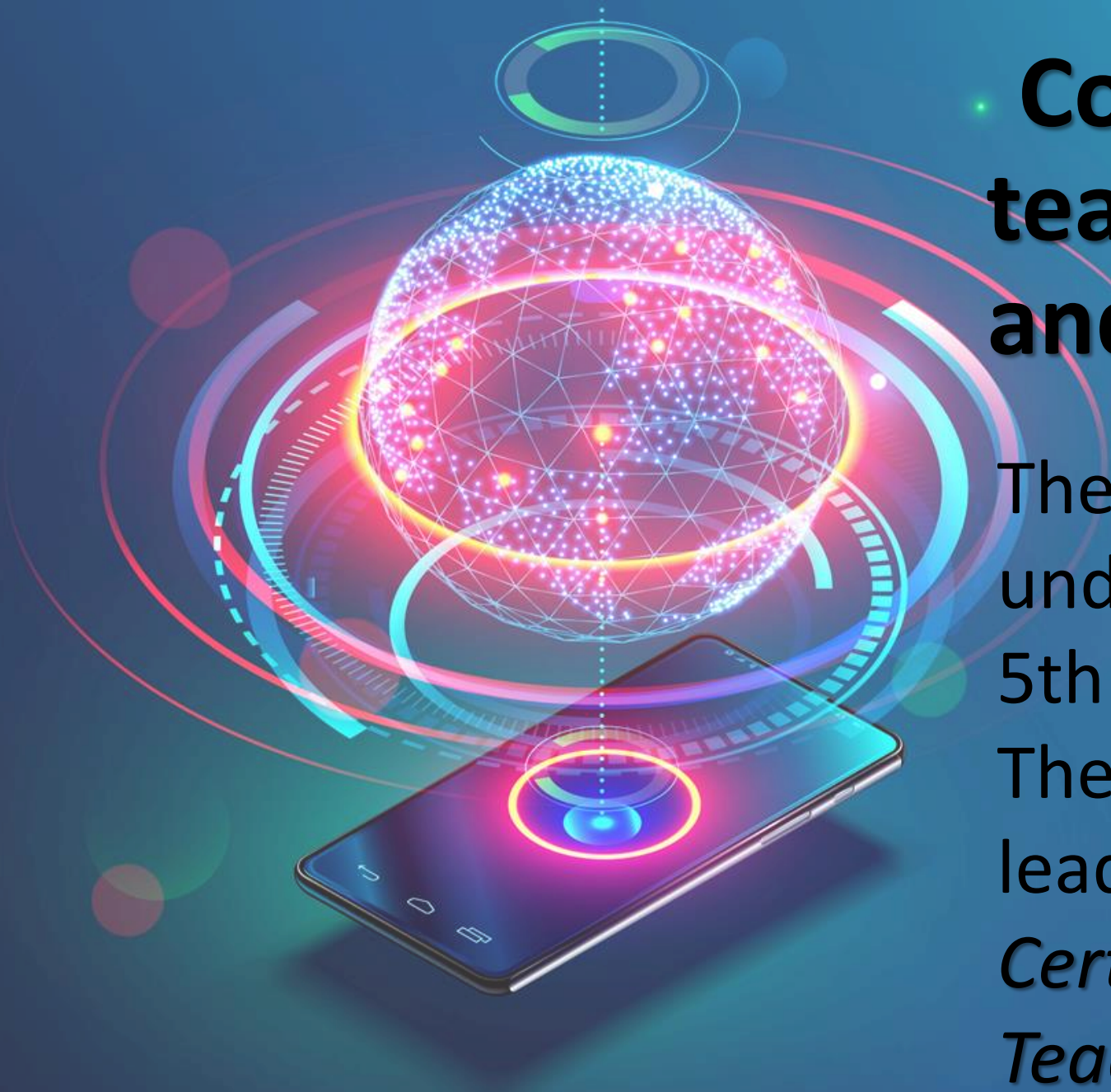
Effects of COVID-19 in teaching and learning on higher education institution students: The case of students' "school practice"

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University of the Aegean*



- ❑ The COVID-19 pandemic has a severe impact on higher education as universities closed in response to lockdown measures.
- ❑ Although higher education institutions were quick to replace face-to-face lectures with online learning, these closures affected learning and examinations as well as the lab exercises and students' practicum.





# Course: “Methods on teaching and learning” and practice in schools

The course is attended by undergraduate students of the 5th semester.

There are *several courses* that lead students to obtain a *Certificate of Pedagogical and Teaching Competence*



# Basic aims of this course are:

- ✓ to help future teachers bridge the gap between academic preparation and practice.
- ✓ to familiarize them in the use of technology to support their future pedagogical activities
- “Practice in school” train undergraduate students in designing, implementing, and evaluating lesson plans to solidify the relationship between pedagogy, and teaching practice.





# Teaching Practice

For many future teachers, the ability to transition the theory of pedagogy into practice remains an area of great difficulty

So

Assist our students to bridge the gap between academic preparation and teaching practice by examining their own teaching through the implementation of their lesson plan and other educational material in a virtual class with their peers as “students”, assessment sheets and their reflection.



Measures to continue students' practice in school during school closure

- These are: Online platforms (e-class and ZOOM) and the tools included such as:
  - ✓ Online instructional packages and resources
  - ✓ Real-time lessons on virtual meeting platforms
  - ✓ Online technical support services for students
  - ✓ Self-paced formalised lessons
  - ✓ Additional educational content for exploring if desired





## Educators' activities to support student's preparedness

### **a) For students at home:**

- Check the quality of the internet connection
- Refer the access to devices (PC, laptops, tablets, or phones), [camera and headphones]

### **b) Teachers changes on existing online instructional resources such as:** Online reflection forms, worksheets and evaluation sheets to fill-in online

- Prepare rooms for teamwork and organize skype meetings for students' preparation



File Edit View History Bookmarks Tools Help

Open eClass - Univ. of the Aegean X +

https://eclass.aegean.gr/modules/announcements/?course=GEO156

Bookmarks X

Search bookmarks

- Bookmarks Toolbar
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    - εισαγωμενου - Google Sea...
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    - New Folder
    - Google
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open eclass

- Ενεργά εργαλεία
  - Έγγραφα 3
  - Ανακοινώσεις**
  - Ασκήσεις
  - Βαθμολόγιο
  - Γλωσσάριο
  - Εργασίες
  - Ερωτηματολόγια
  - Ηλεκτρονικό βιβλίο
  - Ημερολόγιο
  - Ιστολόγιο
  - Κουβεντούλα
  - Μηνύματα
  - Ομάδες Χρηστών
  - Παρουσιολόγιο
  - Πολυμέσα
  - Συζητήσεις
  - Σύνδεσμοι
  - Σύστημα Wiki

## Γενική Διδακτική

Ανακοινώσεις

Προσθήκη ανακοίνωσης

Εμφάνισε 10 αποτελέσματα

Αναζήτηση...

Ανακοίνωση	Ημερομηνία	Κατάσταση	
Νέος σύνδεσμος ZOOM για παρακολούθηση του μαθήματος "Γενική Διδακτική" στις 14/11 <a href="https://aegean-gr.zoom.us/j/94882719116?pwd=STZTbjg1cGp3VW1va1VHaHgxjVnZz09">https://aegean-gr.zoom.us/j/94882719116?pwd=STZTbjg1cGp3VW1va1VHaHgxjVnZz09</a> περισσότερα	Δευτέρα, 07 Δεκεμβρίου 2020	Ορατή	
Νέος σύνδεσμος ZOOM για παρακολούθηση του μαθήματος "Γενική Διδακτική" στις 7/12 <a href="https://aegean-gr.zoom.us/j/91355136590?pwd=WWJwTmNhNkxQOXlSSIN6LzYraUtBZz09">https://aegean-gr.zoom.us/j/91355136590?pwd=WWJwTmNhNkxQOXlSSIN6LzYraUtBZz09</a> περισσότερα	Δευτέρα, 30 Νοεμβρίου 2020	Ορατή	
Πρακτικές Ασκήσεις -παρακολουθήσεις ομάδων - (ΤΠΤΕ) περισσότερα	Δευτέρα, 30 Νοεμβρίου 2020	Ορατή	
Νέος σύνδεσμος ZOOM για παρακολούθηση του μαθήματος "Γενική Διδακτική" στις 30/11 <a href="https://aegean-gr.zoom.us/j/94150764614?pwd=MWNORW1XTlFWTjhnQVo1UGFDeGw5dz09">https://aegean-gr.zoom.us/j/94150764614?pwd=MWNORW1XTlFWTjhnQVo1UGFDeGw5dz09</a> περισσότερα	Δευτέρα, 23 Νοεμβρίου 2020	Ορατή	
ΠΑΡΑΚΟΛΟΥΘΗΣΕΙΣ ΠΡΑΚΤΙΚΩΝ ΑΣΚΗΣΕΩΝ ΑΛΛΗΣ ΟΜΑΔΑΣ!	Τετάρτη, 18 Νοεμβρίου 2020	Ορατή	

Windows taskbar: 10:09 AM



# Technicalities (zoom)



Choose ONE of the audio conference options

Phone Call    Computer Audio




1 **Join with Computer Audio** 2

Test Speaker and Microphone

Automatically join audio by computer when joining a meeting

Talking: Participant1 Participant2

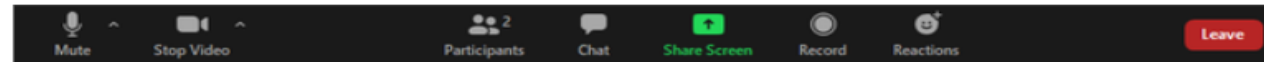
**Meeting Topic:** Personal Meeting Room  
**Host:** Participant1  
**Password:** 6  
**Invite Link:** <https://aegean-gr.zoom.us/j/8468414060?pwd=Tk90VEVkJZ...>  
Copy Link  
**Participant ID:** 241776

 Join Audio     Share Screen     Invite Others

Computer Audio Connected

Unmute    Start Video    Participants 2    Chat    Share Screen    Record    Leave





**Mute / Unmute:** Ενεργοποιείται/απενεργοποιείται η σίγαση του μικροφώνου. Για λόγους μείωσης των ηχητικών παρεμβολών, συνιστάται να έχετε το μικρόφωνο απενεργοποιημένο και να το ενεργοποιείτε μόνο όταν παίρνετε τον λόγο.

**Audio Controls** (το βελάκι ^ δίπλα στο Mute / Unmute): δίνεται η δυνατότητα να αλλάξετε μικρόφωνα/ηχεία να **κάνετε τεστ ήχου** και γενικότερα αποκτάτε πρόσβαση σε όλες τις επιτρεπόμενες ρυθμίσεις που αφορούν τον ήχο.

**Start Video / Stop Video:** Ενεργοποιεί/απενεργοποιεί την κάμερα. Συνιστάται για λόγους εξοικονόμησης εύρους ζώνης (bandwidth), να απενεργοποιείτε το βίντεο αν δεν είναι απαραίτητο.

**Video Controls** (το βελάκι ^ δίπλα στο Start Video / Stop Video): επιλέγετε άλλη κάμερα αν υπάρχει, και γενικότερα αποκτάτε πρόσβαση σε όλες τις επιτρεπόμενες ρυθμίσεις που αφορούν την κάμερα/βίντεο.

Σε περίπτωση που έχετε κάμερα και δεν λειτουργεί ελέγξτε μήπως χρησιμοποιείτε η κάμερα από κάποια άλλη εφαρμογή, οπότε κλείστε τις και ξαναμπείτε στην συνεδρία.

Επίσης σε περίπτωση που δεν διαθέτετε κάμερα στον υπολογιστή μπορείτε να χρησιμοποιήσετε την κάμερα του κινητού σας με χρήση εφαρμογής 3<sup>ου</sup> κατασκευαστή. Μπορείτε να βρείτε οδηγίες εδώ: <https://ype.aegean.gr/tilekpaideysi/odigies>

**Participants:** Εμφανίζεται δεξιά λίστα με τους συμμετέχοντες. Επιλέγοντας το εικονίδιο Participants, στο κάτω μέρος του δεξιού μενού εμφανίζεται η επιλογή **Raise hand**, με την οποία μπορείτε να ζητήσετε από τον διδάσκοντα να μας δώσει τον λόγο. Επίσης η επιλογή «**Invite**», με την οποία μπορείτε να στείλετε πρόσκληση σε άλλους χρήστες για να συμμετάσχουν στη συνεδρία, εφόσον σας έχει δοθεί το δικαίωμα αυτό από τον διοργανωτή

**Chat:** Ανοίγει το παράθυρο για chat προς όλους ή επιλεγμένους συμμετέχοντες και επιλέγεται ανάλογα με ποιους θέλετε να συνομιλήσετε.

**Share Screen:** Μπορείτε να επιλέξετε την εφαρμογή ή την οθόνη που επιθυμείτε να μοιράσετε να παρακολουθούν οι συμμετέχοντες. Προσοχή! Για να ξεκινήσετε διαμοιρασμό οθόνης θα πρέπει να μην κάνει ήδη κάποιος άλλος συμμετέχων share, σε αυτή την περίπτωση θα χρειαστεί να του ζητήσετε να κάνει διακοπή.

**Record** (εφόσον υπάρχει το δικαίωμα): Εκκίνηση ή διακοπή της καταγραφής της συνεδρίας εφόσον έχει δοθεί αυτό το δικαίωμα

**Leave:** Αποχώρηση από την συνεδρία. Επιπλέον ο διαχειριστής (host) μπορεί να την τερματίσει.





- ❖ Support students in their lesson planning
- ❖ Specific teaching time, they must prioritise their design and change specific content (f.e. for online or virtual experiments, etc.)
- ❖ Online teaching may be inadequate to promote active learning as limited attention may undermine the teaching process



- ❖ Minimise the disruption in learning and ensure that students are able to complete their activities

- ❖ implementation strategy needs to be action-oriented, and requires being flexible enough to be updated and adapted according to progress made and eventual issues that may arise



# Brief presentation of Practicum steps

- Attending classes at school
- Attending fellow students teaching at school
- Peer assessment
- Feedback from team members
- Students' reflection on their teaching



# Students' e-portfolio

## a) Before teaching implementation:

- Lesson plan
- Worksheets
- Educational material and tools
- Evaluation sheets

*It is sent after all the corrections to the team members, to teacher mentor and to supervisor*

## b) After teaching:

- Except of the above as final docs, and
- Students reflection report on their teaching
- Team members evaluation sheets and feedbacks

*Each student upload e-portfolio to e-class for supervisor and Prof. of the course*







1. **Introduction**  
The purpose of this report is to analyze the current market trends and provide a comprehensive overview of the industry's performance. This document will cover various aspects, including market size, growth rates, and key players.

2. **Market Overview**  
The market is characterized by rapid technological advancements and increasing consumer demand. Key factors influencing the market include economic stability, government policies, and global trade relations. The industry is expected to continue its growth trajectory in the coming years.

3. **Key Players**  
The leading players in the market are [Company A], [Company B], and [Company C]. These companies are driving innovation and competition, which is beneficial for consumers. Their market share and competitive strategies are discussed in detail.

4. **Challenges**  
The industry faces several challenges, including regulatory changes, supply chain disruptions, and intense competition. These factors may impact the market's growth and profitability. It is essential for stakeholders to stay informed and adapt to these changes.

5. **Conclusion**  
In conclusion, the market shows a positive outlook with significant growth potential. However, stakeholders must remain vigilant and proactive in addressing the challenges ahead. This report provides a detailed analysis and serves as a valuable resource for decision-making.

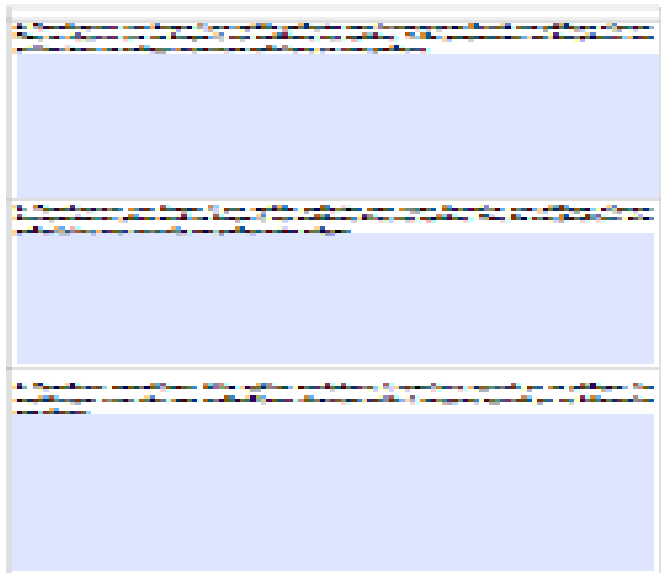
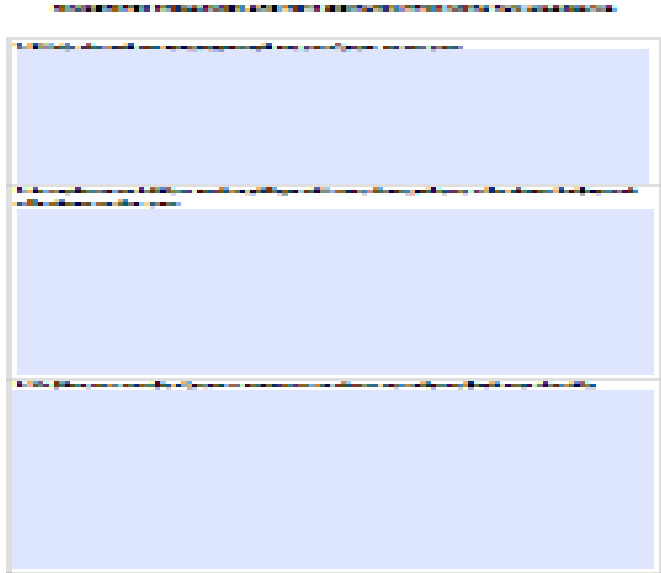


6. **Recommendations**  
Based on the analysis, the following recommendations are provided: [Company A] should focus on expanding its market reach, while [Company B] should invest in research and development. [Company C] should strengthen its supply chain to mitigate risks. These strategies are aimed at maximizing growth and profitability.

7. **Appendix**  
The appendix contains supplementary data and information, including market statistics, charts, and detailed financial reports. These resources provide a deeper understanding of the market's performance and trends.

8. **References**  
The following sources were consulted during the research process: [Source 1], [Source 2], and [Source 3]. These references provide additional context and support for the findings presented in the report.



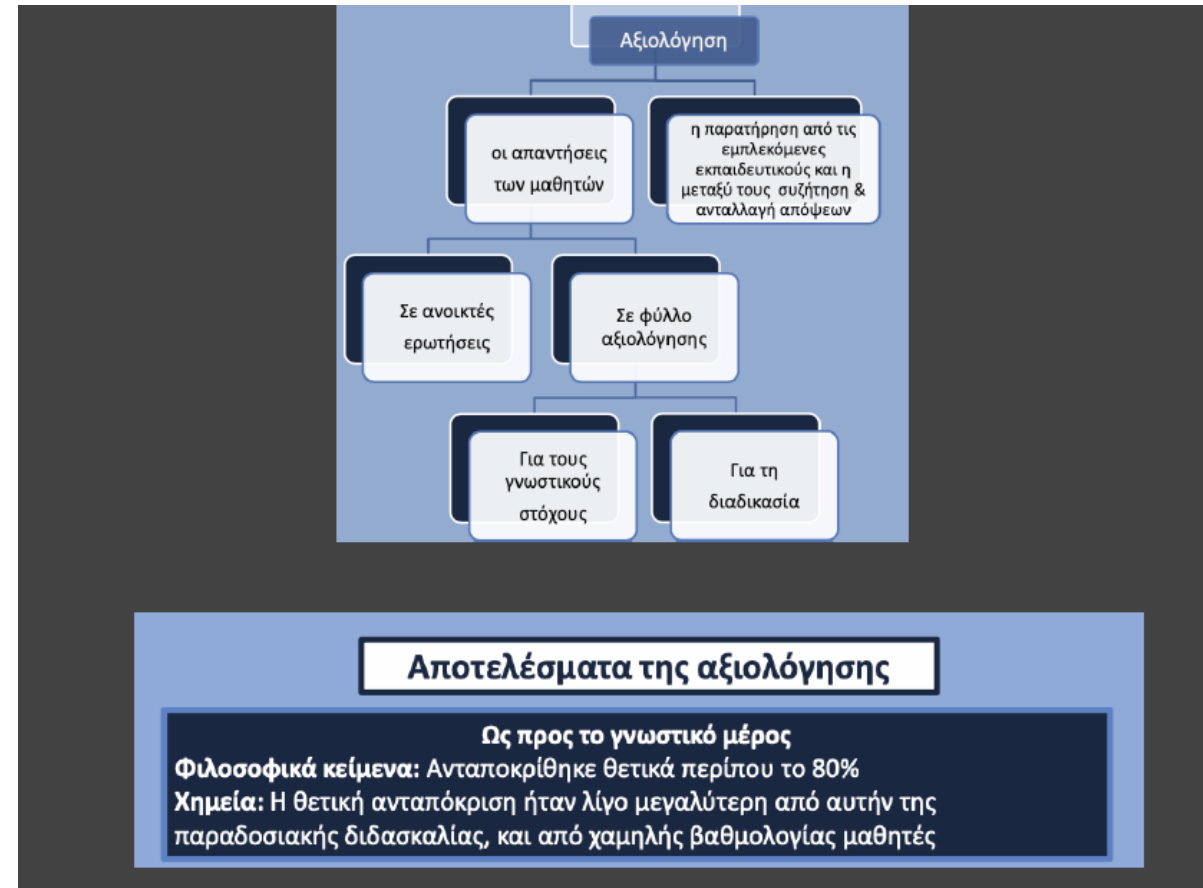






# Peer Teaching Examples

## *Inquiry-based teaching and learning*





## Students' grades in the course

For their grading in the course, their marks in the Practicum (*e-portfolio and intervention*) (40%) and the written final examination (60%) are taken into account



# Online Learning: A Panacea in the Time of COVID-19 Crisis?

## *Advantages*

- Better retention: use of different platforms which provide interactive content, share opinions and thoughts with others
- Environment-friendly (no paper production)
- Flexibility in terms of location and time
- Use of multimedia interactions, can increase the attention of the participants



# Online Learning: A Panacea in the Time of COVID-19 Crisis?

## *Disadvantages*

- **Lacks practicality:** practical skills are harder to pick from virtual resources
- Solitude: Lacks social interaction
- Inaccessible to others (some students some have very limited access to the internet as well as to microphones and cameras)
- **Requires self-motivation and proper time management skills**
- Health issues: an individual spend hours on a computer, laptop, tablet or smartphones
- **Cheating is unavoidable???**







Thank you

Questions?