

In Kooperation mit:

optes

Optimierung
der Selbststudiumsphase

ILIAS

MULTIMEDIA INSTRUCTION FOR LEARNING AND TEACHING PROFESSIONAL LAW ENFORCEMENT

TECHNIQUES AND SKILLS IN 2020 VIA ILIAS

GÖRAN KATTENBERG & BRADLEY NAPLES

TRN

TRAINING RESPONSE NETWORK INC.

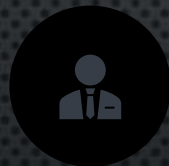


futurelearning

PRESENTERS



Göran Kattenberg:
Innovation & Business
Consultant Future
Learning



Bradley Naples:
CEO Training Response
Network:
Policycommunity.net





ABOUT TRN AND FUTURE LEARNING

- U.S. LAW ENFORCEMENT IS IN A MAJOR TRANSITIONARY PERIOD DUE TO MANY FACTORS OF POLITICAL, WRONGFUL ARREST PROCEDURES BY SOME POLICE OFFICERS, INACCURATE MEDIA COVERAGE, AND GENERAL SOCIETAL ISSUES
- VIA ITS LAW ENFORCEMENT SITE (WWW.POLICECOMMUNITY.COM), TRN SERVES OR HAS SERVED OVER 40,000 LAW ENFORCEMENT OFFICERS IN ACADEMIES, MAJOR CITY AGENCIES, STATE AGENCIES AND MILITARY AGENCIES.
- WHILE INITIALLY SLOW IN ADOPTION, ONLINE TRAINING FOR LAW ENFORCEMENT IS GAINING MORE MOMENTUM WITH THE PROFESSION, TRADITIONALLY VERY SLOW TO CHANGE
- TRN PROVIDES ITS E-TRAINING CURRICULUM VIA ALL PLATFORMS TO INCLUDE DESKTOP, MOBILE DEVICE TERMINALS (MDT's), LAPTOPS AND APPLE-ANDROID SMARTPHONES AND TABLETS.
- TRN IS PLANNING ON MIGRATING ITS ILIAS-LMS FROM 4.0 TO 6.1 OVER THE NEXT 6- MONTHS
- TRN HAS CONSULTED WITH FUTURE LEARNING FOR VARIOUS LEVELS OF ASSISTANCE ON ILIAS 6.0+
- TRN IS WORKING WITH FL ON BOTH A REQUIREMENT FOR A REST/SOAP API CAPABILITY TO PROVIDE VIA ILIAS 6.0+ ONLINE TESTING FOR ACADEMIES
- TRN CONSTANTLY STRIVES TO PUSH THE BOUNDARIES OF MEDIA INNOVATIVE COURSE DESIGN USING RICH MEDIA, EDUCATION AS WELL AS "TRAINING" TO UPGRADE THE KNOWLEDGE OF ITS USER BASE
- VARIOUS "BRIEF" EXAMPLES OF TRN'S E-TRAINING WHICH CAN BE GENERIC OR HIGHLY LOCALIZED/CUSTOMIZED TO EACH POLICE AGENCY AS REQUIRED:
 - DEMO OF MIAMI POLICE DEPARTMENT'S "HIGH RISK FELONY STOPS" [POLICY COURSE](#)
 - BIAS-FREE [TRAINING](#)
 - COVID-19 [OVERVIEW FOR FIRST RESPONDERS](#)
 - PROPER USE OF [SOCIAL NETWORKING](#)

VIDEO IN TEACHING

- VIDEO AND FILM AND OTHER MULTIMEDIA ELEMENTS SUCH AS GRAPHICS, ANIMATION AND SOUND EFFECTS HAVE BEEN USED IN TEACHING, TRAINING AND EDUCATION FOR MANY YEARS.
- DURING WWII VIDEO TRAINING WAS ALREADY USED FOR DISTANCE LEARNING



THE VALUE OF AUDIOVISUAL INFORMATION

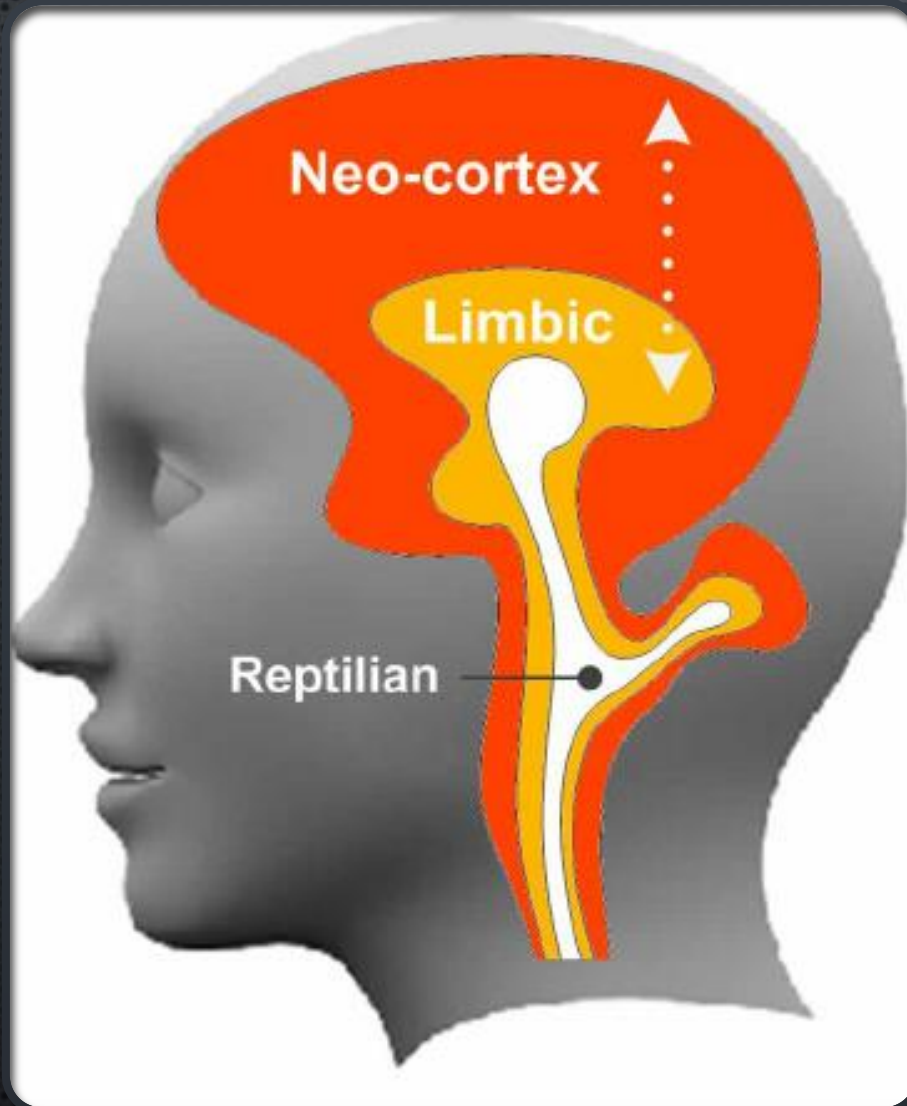


- VIDEO IS ONE OF THE MOST IMPORTANT FACTORS IN PROLIFERATING ONLINE LEARNING.
- IT IS VERY CLEAR THAT CONVEYING THE LEARNING OBJECTIVE IS MUCH MORE COMPLEX THAN SIMPLY READING BOOKS TAGGED TO EXPLANATIONS AND ANSWERING TEST QUESTIONS IN TODAY'S VIRTUAL WORLD.

PERSONALIZED LEARNING

- INDIVIDUALS ALL LEARN DIFFERENTLY. SOME BY VIEWING, SOME BY LISTENING AND READING AND SOME USING ALL METHODS.
- BLUNTLY STATED, ONE SIZE DOES NOT FIT ALL PEOPLE.
- VIDEO AND FILM HAVE ADDED A NEW AND WIDER DIMENSION OF PROCESSING OF TEXTUAL INFORMATION.





WHOLE BRAIN FUNCTIONING

- TO LEARN AND REMEMBER WHAT ONE LEARNS IT IS CRITICALLY IMPORTANT TO HAVE THE OPTIONS TO PROCESS INFORMATION BY THE WHOLE BRAIN FOR OPTIMAL FUNCTIONING AND MEMORY RETENTION AND RECALL WHEN IT IS REQUIRED AND NEEDED.
- EVEN MORE CRITICAL FOR PROFESSIONAL LAW ENFORCEMENT WHEN CALLED UPON TO MAKE DECISIONS IN MILLISECONDS.

ADVANTAGES OF VIDEO IN TEACHING

- VIDEO LEARNING CAN BE BOTH PASSIVE, MULTIDIMENSIONAL AND INTERACTIVE
- IT IS HIGHLY FLEXIBLE IN ITS USAGE.
- FROM LECTURE CAPTURE, TO USER GENERATED CONTENT OR DEDICATED CREATED MATERIAL
- ADDING INFORMATION AND PROVIDING ONGOING AND FINAL ASSESSMENT TESTS.



futurelearning

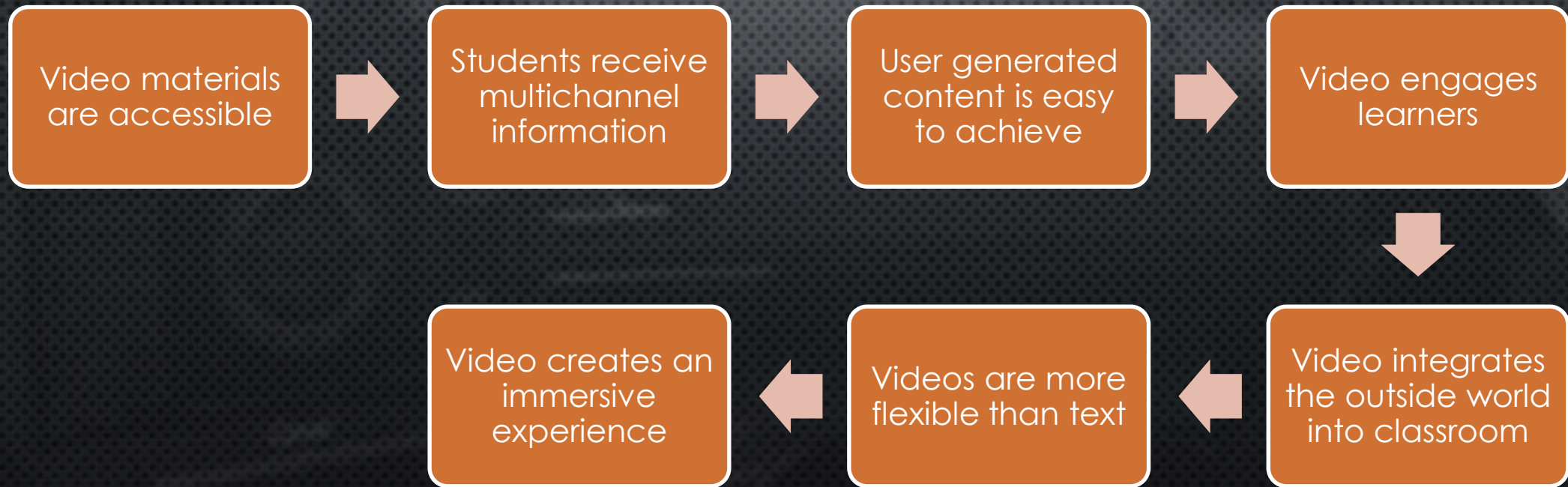
The screenshot shows a web browser window with the URL https://www.policecommunity.net/ilias.php?baseClass=PSAHSIPresentationGUI&ref_id=3638. The page features the 'POLICECOMMUNITY' logo and the tagline 'LEAD BY TRAINING'. A message states: 'To get credit you must click the "Click to Continue" button at the end of each section. You will then be moved to the next section. Please do not click on the section names below to jump ahead'. A table of contents for the 'COVID-19 Overview for First Responders' is visible, listing items such as 'Introduction to COVID-19 and Message from the CDC', 'Coronavirus and Other Infectious Diseases', 'What is Coronavirus and Why Shelter-in-Place?', 'PPE for the Coronavirus', 'Law Enforcement Considerations', 'PPE for LEO and First Responders', 'Cleaning Vehicles', 'Recommendations for 911 Dispatchers', 'Recommendations for EMS', 'Resources', and 'Module Assessment'. The main content area displays a video titled 'Introduction to COVID-19 and Message from the CDC' with a blue-tinted image of hands being washed. A note at the bottom of the video player says: 'To play full screen, mouse over the video when the video is playing and click on the full screen icon'.

VIDEO MATERIALS

- VIDEOS CAN BE COMPRISED OF CUSTOM VIDEO, 3RD PARTY VIDEO, ANIMATIONS, LIVE ACTION FOOTAGE AND MORE. - THE EFFORT CAN BE MINIMAL TO VERY EXPANSIVE AND EXTENSIVE.
- AS A GOOD EXAMPLE WHEN TEACHING HISTORY, VIDEO, DIAGRAMS, ANIMATIONS CAN ALL BE USED IN COMBINATION TO PROVIDE A HIGHER-LEVEL OF BOTH EDUCATIONAL/LEARNING AS WELL AS ENTERTAINING THE STUDENT.
- AS AN EXAMPLE, TAKE THE BATTLE OF NORMANDY. BY ADOPTING SUCH A MULTIMEDIA APPROACH WOULD OFFER STUDENTS A MORE IMMERSIVE AND IMMEDIATE INSIGHT TO WHAT IS ESSENTIAL.



ADVANTAGES THAT ARE DIRECTLY ACHIEVED BY INTEGRATING VIDEO FOR TEACHING





SUMMARY OF TRN USE CASE

- DETAILED TRACKING AND REPORTING ON ANY INDIVIDUALS RECORDS WITH CERTIFICATE'S ARE CAPTURED TO PROVIDE VALIDATION OF THE STUDENT'S LEARNING FOR BOTH ADVANCEMENT AND LIABILITY REQUIREMENTS.
- REPORTS ARE AUTOMATICALLY E-MAILED OR CAN BE PULLED ON-DEMAND.
- BOTH SOFT SKILLS AND HARD SKILLS ARE EFFECTIVELY TAUGHT USING VIDEO.
- DIAGNOSTICS AND ASSESSMENTS GUARANTEE COMPLIANCE FOR DIFFERENT SKILL LEVELS WITHIN THE POLICE FORCE.



OPEN SOURCE
PLATFORM FOR
E-LEARNING

CURRENT PROJECT (THIS YEAR)

- IMPORTANT SOCIETAL ISSUES (COVID-10, BIAS, DEESCALATION)
- MOBILE LEARNING
- RECORDS MANAGEMENT
- FROM ILIAS 4 TO ILIAS 6 WITHOUT ROR PORTAL
- SOAP/REST INTERFACES
- FLEXIBILITY OF REPOSITORY, E.G. TO RAPIDLY IMPLEMENT INDIVIDUAL ROLL CALLS
- MOVE TO INTERACTIVE VIDEO FORMATS



OPEN SOURCE
PLATFORM FOR
E-LEARNING

CURRENT GOALS (SHORT TERM)

- MIGRATE TO ILIAS 6 FOR ALL FUNCTIONALITY
- LAYOUT AND DESIGN ACCORDING TO POLICECOMMUNITY.COM
- MULTI DEVICES (MOBILE)
- MULTIPLE SCENARIOS
- CONNECT TO NEW RECORDS MANAGEMENT SYSTEM
- LTI FOR CONNECTING TO (INTERACTIVE) VIDEO STREAMING PLATFORMS
- ANALYTICS



OPEN SOURCE
PLATFORM FOR
E-LEARNING

PROBLEMS AND SOLUTIONS

- ILIAS 4 AND ROR PORTAL ARE NOT SCALABLE ANYMORE – ILIAS 6 PROVIDES THE TECHNICAL SOLUTION
- FOR THIS TARGET GROUP IT IS VERY IMPORTANT TO PROVIDE SPECIFIC DIDACTICAL FORMS – ILIAS 6 PROVIDES THE FUNCTIONAL SOLUTION
- FROM A DIDACTIC POINT OF VIEW IT IS IMPORTANT TO DEEPLY TRAIN IN TO HABITS (3 LAYER MODEL OF THE BRAIN)
- SHORT EFFECTIVE 2/3 MINUTE NUGGETS PROVIDED IN A BRANCHING SCENARIO
- FROM A CONTENT POINT OF VIEW VIDEO STAYS THE MOST IMPORTANT FORMAT
- TOPICS THAT ARE CURRENTLY VERY IMPORTANT ARE COVID-19, BIAS, DEESCALATION
- CONTENT IS AVAILABLE AND WILL BE AVAILABLE IN MULTIPLE LANGUAGES INCLUDING GERMAN, FRENCH, DUTCH AND OTHERS
- ROLL CALL IS A VERY IMPORTANT CONCEPT (ONBOARDING FLEXIBILITY BASED ON ACTUAL SKILLS/KNOWLEDGE/ATTITUDE)

SHORT DEMO WITH ILIAS 6

- [FUTURE LEARNING ILIAS 6.4](#)

Q&A

- LET US KNOW IF YOU HAVE ANY QUESTIONS OR REMARKS