Texas A & M International University

Instructional Technology and Distance Services

Annual Report 2020-2021





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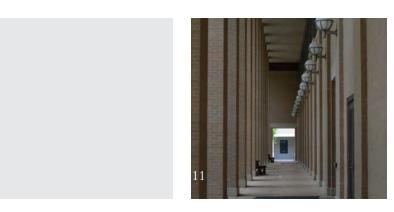
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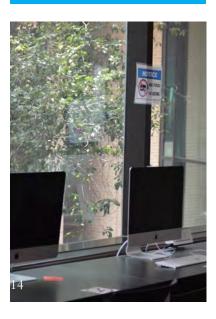


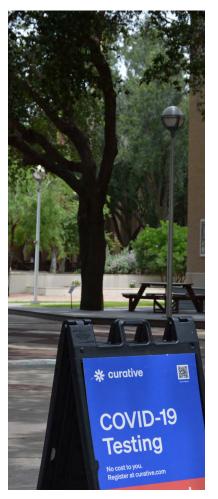


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From the Director's Desk

his annual report highlights the activities of the Office of Instructional Technology & Distance Education Services and provides information on the many services the eLearning and AV Media groups offer to our TAMIU community. This past year was marked by an increase in the number of learning opportunities provided to faculty as they transitioned to remote and online teaching in a new format known as TAMIUFlex. Particular attention was devoted to the application of standards of quality in each of the courses delivered online.

Over 152 faculty participated in Quality Matters workshops, making 2020 the year with most participation in this category. It was also the year in which our University reached an important milestone: the 200th certification of courses by Quality Matters! Such a tremendous accomplishment would not be possible without the guidance of our Distance Education and Instructional Technology Committee (DEITC), the commitment of our peer reviewers, and the hard work of our awesome instructional designers.

As we move forward to a new academic year, our team is stronger than ever and committed to provide you with essential technology tools in the classroom and online. I would like to acknowledge the kind words of appreciation our team received from faculty and staff during this past year. Please continue to provide constructive feedback as this is the only way we can improve our services and respond to your technology needs.

Sincerely,

Dr. Pat Abrego

Director of Academic Technology

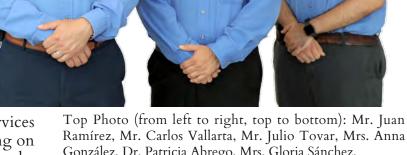
About Us

The Office of Instructional Technology & Distance Education Services provides support to faculty and students on the use of technology in the teaching and learning process. The eLearning team assists faculty with

the design of their courses and in all matters related to the integration of instructional technology tools inside Blackboard, TAMIU's official learning management system. The eLearning team also holds workshops on various instructional technologies, such as Turnitin, Blackboard Collaborate, VoiceThread, and many more, which are provided year-round by the team.

To contact elearning, please email: elearning@tamiu.edu





The Instructional Technology Support Services group (AV Media) assists faculty with training on the use of equipment and software installed in the classrooms to include Echo360, our lecture-capture application. The AV Media team is also responsible for maintaining all computer labs on campus and providing support to external entities on special events and commencement exercises.

To contact Media Services please email:

OITAVMedia@tamiu.edu

González, Dr. Patricia Abrego, Mrs. Gloria Sánchez.

Bottom Photo (from left to right): Mr. Vincent Moreno, Mrs. Nancy Colchado, Mr. Bobby González, Jr., Mr. Jesús Martínez, Mr. Michael Guitérrez.

Instructional Technology and Distance Education Services



Dr. Patricia Abrego Director of Academic Technology

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KLM 259 | 326- 2792 salderete@tamiu.edu

eLearning Team



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KLM 257A | 326-2793 tonyramz@tamiu.edu



Julio Tovar Instructional Designer

KLM 257B | 326-2791 julio@tamiu.edu



Anna G. González Instructional Designer

KLM 259B | 326-2294 anna.gonzalez@tamiu.edu



Carlos Vallarta Instructional Designer

KLM 257C | 326-2298 carlos.vallarta@tamiu.edu

Instructional Technology Support Services Group (ITSS)/ AV Media Team



Bobby González, Jr. ITSS Associate Director



Nancy Colchado Assistant Manager



Vincent Moreno Instructional Technology Specialist

PLG 220 | 326-2312 roberto@tamiu.edu

PLG 202 | 326-2027 nancy.mendoza@tamiu.edu STC 202A | 326-2043 vincent.moreno@tamiu.edu



Jesús Martínez Instructional Technology Services Specialist

Michael Gutiérrez

Michael Gutiérrez Classroom Technology Specialist

CWT 115 | 326-2045 jesus.martinez@tamiu.edu

CWT 115 | 326-2048 michael.gutierrez@tamiu.edu

OUR GOALS

- Create, support, and enhance the instructional technology activities of the TAMIU community.
- Increase learning opportunities in instructional technologies for faculty and students.
- 3 Continue to implement and expand Quality Matters standards in all newly-developed online hybrid courses.
- Maintain and expand collaborative service efforts with regional school districts and institutions of higher education.
- Promote, recognize, and reward excellence among faculty integrating technology.

Distance Education and Instructional Technology Committee (DEITC)

The DEITC was created to review and recommend procedures for online course development, quality standards, and evaluation mechanisms. This Committee was established in January 2011 and since has adopted guidelines for quality in online and hybrid courses based on the Quality Matters Rubric as well as guidelines for accessibility compliance.

It is comprised of 15 members: one representative per College/ or free-standing academic unit, one member of the Faculty Senate, the chair of the University Curriculum Committee, the Associate VPAA (or designee), and one from the Office of Graduate Studies and Research. The Director of Instructional Technology and Distance Education serve as an ex-officio and acts as a co-chair with the member appointed by the Faculty Senate.

If you have a concern and would like to share at one of our meetings, please contact your College representative. Meetings are held on the last Monday of the month (except during summer months).

In recent news, the DEITC has begun to issue monthly newsletters detailing ongoing events and efforts for improving TAMIU's distance education services. You can view an archive of our past and upcoming newsletters here.

Co-Chairs



Dr. Patricia Abrego, Director of Institutional Technology and Distance Education, ex-officio



Dr. James Norris, Faculty Senate Appointee

Members



DEITC Members



Dr. Patricia Abrego, Director of Instructional Technology and Distance Education, ex-officio



Dr. James Norris, Faculty Senate Appointee



Dr. Jared Dmello, College of Arts and Sciences Appointee



Dr. Yong Chen, A.R. Sanchez, Jr., School of Business Appointee



Dr. Cynthia Pina, College of Education Appointee



Ms. Karla Linero Reyes, University College Appointee



Ms. Elizabeth DeZouche, Sue and Radcliff Killam Library Appointee



Dr. Lorraine Dinkel, Faculty Ombudsman Officer



Dr. Kevin Lindberg, Associate Vice-President for Academic Affairs



Mr. Juan García, Jr., Vice-President for Student Success Appointee



Dr. Melissa García, Health Sciences Appointee



Ms. Karol Batey, College of Nursing and Vice-President for Institutional Assessment Appointee



Mrs. Gina González, Vice-President for Student Success Appointee



Ms. Marcela Moran, Faculty Senate Appointee



Dr. Jennifer Coronado, Dean of Graduate School Appointee



Instructional Technology **Excellence Award**

Fall 2020 Recipient Mr. Juan Arellano College of Arts and Sciences



Innovative technology helps students experience authentic mathematics in captivating ways. Mr. Arellano

he Instructional Technology Excellence Award is presented to a faculty member who has exemplified the use of technology in their teaching. The awardee is presented with a plaque during the Fall Faculty and Staff Assembly, a reserved parking space, and a \$500 stipend. This year the Office of Informational Technology had the pleasure to award Mathematics Instructor, Mr. Juan Arellano, who went above and beyond in creating an engaging learning environment for his students by the integration of technology such as the applications: WebAssign, Desmos, Prezi, Notability, and LaTex, just to name a few.

The award recipient is chosen from a group of nominees by the DEITC using the following criteria:

- Inspires and works collaboratively with others.
- Actively pursues avenues for personal continuous improvement to facilitate the uses of technology.
- Seamlessly integrates TAMIU's Learning Management System (LMS) to support his/her teaching to actively engage students.
- ing process.
- Uses technology in creative and effective ways to facilitate student learning.



Pictured here (left to right): University President Dr. Pablo Arenaz, Mr. Juan Integrates technology in the teaching and learn- Arellano, and IT Chief Information Officer Mr. Miguel Munoa.

If you believe that a colleague or yourself qualify for the award, please contact Dr. Abrego by email at <u>pabrego@tamiu.edu</u>, or in person at the Office of Information Technology located in KLM 259.



Fix Your Content Day

Blackboard Ally's 2nd Annual Global Competition

Awareness Day or GAAD, Blackboard held its second annual "Fix Your Content Day" this past May. Fix Your Content Day is a 24-hour challenge to all Universities to create a more accessible online environment by updating and improving course content. TAMIU placed 16th among 114 other participating Universities, and surpassed its own record from last year with a total of 4,084 fixes (last year's total being 1,753). For reaching over 4000 fixes, TAMIU was recognized by Blackboard under "diamond club" among 8 other universities, the highest distinction among the four established achievement clubs: Diamond, Gold, Silver and Bronze.

What's a Fix?

Blackboard defines a fix as an improvement to the accessibility score determined by its service Ally. A fix is anything that heightens the online experience of a user, such as adding a text description for an image or adjusting text contrast against a page for easier readability.

Why is Accessibility so important?

The growing attention towards bridging the gap of accessible content for all users doesn't come from an increasing need for it, but the acknowledgement of its absence for a greater part of educational history. If we want every student to succeed, our job as facilitators of education is to give them the tools they need to do so.

"'Fix Your Content Day' served

as a unifying opportunity to highlight the importance of creating



accessible learning environments.

While the competition may be over, the work continues."

Dr. Pat Abrego

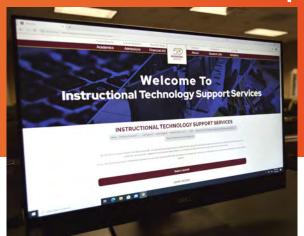




Classroom Technology

Our AV team is always striving to equip our campus classrooms with the most up-to-date technologies. This past year, we were able to fully augment all lecterns on campus with the following

Dell AIO Touch Screen Computer



Installed with two monitors expanding visible workspace display.

USB Hub



All our classrooms are equipped with USB hubs for inserting multiple usb's to a single device.

Logitech Rally Camera



Logitech Rally Camera kits promise studioquality video/ audio capture.

AMX Control System



AMX system allows for easy access to all AV devices in your meeting space.

All classrooms and labs^{*} on campus with a lectern are equipped with:

- AMX Control System
- HD Camera
- HD Projector
- Logitech Rally Camera
- USB Hub
- Dell AIO Touch Screen Computers, Dual Monitors

*Bullock Hall, Cowart Hall, Western HTC, Pellegrino Hall, Canseco Hall, LBV, AIC, FPA, REC, ZSC and Student Center.

Classroom Technology Training

OIT understands the importance of utilizing technology effectively in the classroom to enrich the teaching and learning experience. We provide on-site classroom technology group training or one-on-one sessions for instructors who would like assistance with their classroom technology needs.

Training sessions include:

- Classroom lectern equipment operation
- Blackboard Collaborate (web conferencing application)
- ECHO360 Lecture Capture equipment operation.

Request a training session at:

OITAVMedia@tamiu.edu

Campus Technology

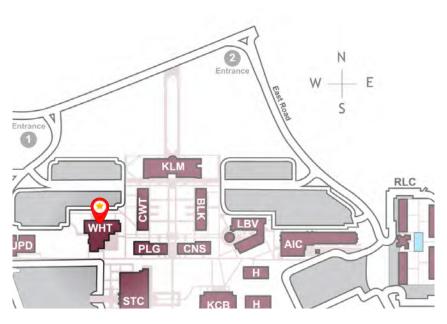


Recording Studio

Need to Record a Professional Video for Your Classes?

Faculty members are encouraged to use our state-of-theart recording studio located in Western Hemispheric Trade Center Room 225. We assist with recording instructions, lectures, short video clips and more.

Please submit a request for potential video productions by visiting here.



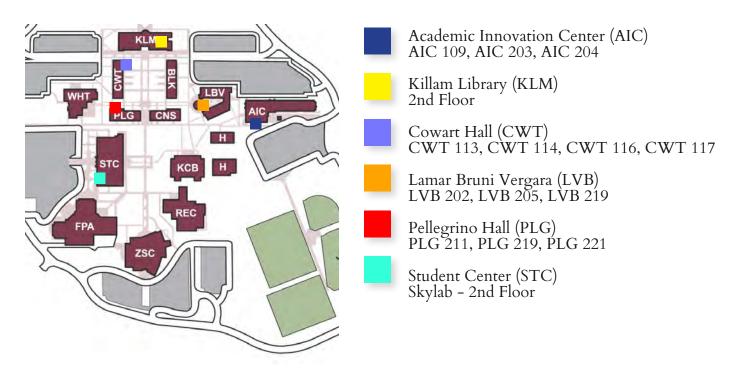




Lab Locations



The AV Media Group maintains computer labs throughout campus. Labs have software installed to meet the needs of both students and faculty. They are located in the Academic Innovation Center, Cowart Hall, Lamar Bruni Vergara Science Center, Pellegrino Hall, Killam Library, and Student Center.



omputer Lab Software

Our Media Service's department provides universal access to quality software programs to every computer on campus. Here is a comprehensive list of software you can find in our designated Labs. Faculty requests for software installation should be sent to: oitavmédia@tamiu.edu.







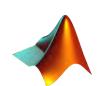












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	Software	Locations			
	Echo360 Universal Capture	All Lecterns			
	LogiSync				
	Vizualizer				
	Leawo Blu-ray Player				
	VLC				
	SMART Notebook				
	Cananiaa luainlat	All Associations and			

Faronics Insight All Academic Labs

LockDown Browser All Academic Labs and Skylab

PBI Desktop PH 107

Ref-n-write PH 211 & PH 221

ArcGIS Pro AIC 108

AutoCAD AIC 108, 109 203 & Skylab

Arena AIC 109 & LBV 202

GanttProject AIC 109 & LBV 202

LabVIEW AIC 109 & LBV 202

LEGO Mindstorm AIC 109 & LBV 202

Mastercam AIC 109

MATLAB AIC 109 & LBV 202

Minitab AIC 109 & LBV 202

POM-QM AIC 109

Unity AIC 109

AutoDesk Inventor AIC 109 & LBV 202

360 AIC 109 AutoDesk Fusion

AutoDesk Factory Design AIC 109 & LBV 202

AutoDesk Plant 3D AIC 109 & LBV 202

Community 2019 AIC 109, 203 & LBV 202

BH 113 SC 236 Splashtop AIC 126, 127, 128 & 224 WHT 103, 104, 116

SSH Secure Shell CWT 113

ACL for Windows PH 221













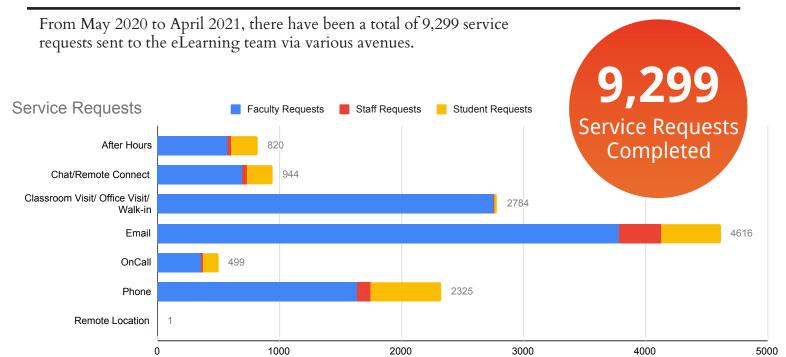








Consultations



	Faculty Requests	Staff Requests	Student Requests
After Hours	574	28	218
Chat/Remote Connect	692	42	210
Classroom Visit/ Office Visit/ Walk-in	2757	2	25
Email	3779	353	484
OnCall	361	14	124
Phone	1639	110	576
Remote Location	1	0	0



Trainings

From May 2020 to April 2021, there have been 40 specialized trainings conducted multiple times throughout the year for the enrichment of the professorial and student base. Here are the 10 most attended trainings offered throughout the academic year.

	Top 10 Workshops Attended	# of Participants
1	Teaching LIVE Broadcasting with ECHO360	127
2	Getting Your Course Organized and Creating a Welcoming Environment	118
3	Academic Integrity, Testing Strategies and Security	108
4	PD Blackboard Collaborate Essentials	103
5	Establishing Interaction, Collaboration, and Cooperation Among Students	90
6	Formative and Summative Assessments	90
7	CourseArc	85
8	Making your Course Content Accessible	83
9	Strategies for Publication	55
10	Promotion and Tenure Dossiers	27

All of our trainings, QM included, are listed on our professional development website here.

1,208
Total
Participants



Faculty Professional Development

Quality Matters provides professional development opportunities to a broad audience that includes, but is not limited to, faculty, adjunct instructors, instructional designers, and administrators. No matter what your role is, you will discover that QM has the tools needed to ensure your online courses are of the highest standards.

Faculty assigned to teach an online course or to develop an online course for the University, may partake in the following workshops available:

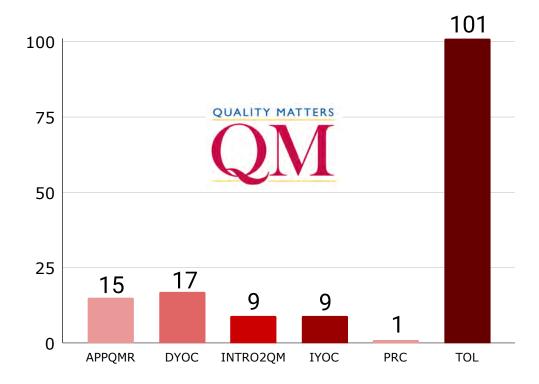
- Applying the QM Rubric (APPQMR)
- Introduction to Quality Matters (INTRO2QM)
- Teaching Online An Introduction to Online Delivery (TOL)
- Designing Your Online Course (DYOC)
- Improving Your Online Course (IYOC)
- Peer Reviewer Course
- Master Reviewer Certification

Visit our <u>TAMIU QM</u> site for a description of the workshops TAMIU faculty may participate in.

If you are interested in online course development or becoming a peer reviewer, please contact the eLearning team at <u>elearning@tamiu.edu</u> or (956) 326-2792 for training information.



Between May 2020 and April 2021, 152 QM-workshops were completed by faculty.



200 QM-Certified Courses!

Early in the New Year, TAMIU's eLearning team celebrated reaching a historical 200 QM-certified courses. In a period where education has been mostly taught remotely, this signifies the dedication our University has to equipping students with the best quality online courses.

he eLearning team has been a subscriber to the Quality Matters program since 2011. At the time, no one could have predicted the importance of Distance Education to every University's continuing functionality this past year- and yet TAMIU has been distinguished as one of the leaders in online education of Texas for many years prior. It shows our University's commitment to provide the best education to all of our Dustdevils.

The 200th course certified was Data Mining and Business Analytics taught by Dr. Vanessa G. Clark, on behalf of the A.R. Sanchez, Jr.



Pictured here (top left to right): Dr. Gilda Martínez, Dr. Peter Haruna, Dr. Cynthia Pina. (Middle left to right) Dr. Melissa García, Dr. Jennifer Coronado, Dr. Tonya Huber. (Bottom left to right) Dr. Homero Aguirre-Milling, Dr. Marivic Torregosa and Dr. Jared Dmello.

School of Business. For the occasion, many professors who have certified their courses were invited to speak on their experience and express congratulations. You can watch the full video here.

I highly encourage
TAMIU faculty to design
QM online courses. it
may seem overwhelming at the beginning,
however, with the QM
developmental workshops, OIT trainings,
and their guidance
through the process, it
makes it so much easier
and a very positive
experience.
(Dr. Melissa García)

QM makes my class very well organized, and I feel [more] in control. Congratulations TAMIU. (Dr. Peter Haruna)



Thank you, eLearning for all you do to our campus community, and here's to the next 100 QM- certified courses. (Dr. Jared Dmello)



When I initially learned that the only way that I could continue teaching my beloved graduate courses was to move the courses 100% online, requiring both Quality Matters review and certification, during 2020 distancing, I've come to value our virtual time more than ever.

(Dr. Tonya Huber)



2020 QM-Certified Courses





Dr. María Reyes PADM 5375

Recognized in June 2020



EDCI 5301Recognized in June 2020

Dr. Cynthia Pina



CRIJ 5340Recognized in June 2020



Dr. Linda Flores
NURN 3410 & NURS 2320



Dr. James Norris
PSCI 2305



Dr. Jennifer Coronado
EDCI 5300

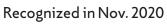


Dr. Mehnaaz Momen PADM 5362

Recognized in Aug. & Nov. 2020

Recognized in Oct. 2020

Recognized in Oct. 2020





Dr. Brenda Vollman CRIJ 5340

Recognized in Nov. 2020



Dr. Wanzhu Shi PADM 5377

Recognized in Nov. 2020



Dr. María Lourdes Viloria EDLD 5311

Recognized in Dec. 2020



Dr. Mayra Peña EDLD 5312

Recognized in Dec. 2020



Dr. Marcus Carey CRIJ 5340

Recognized in Dec. 2020



Dr. Mortoza Abdullah MIS 5360

Recognized in Dec. 2020

2021 QM-Certified Courses



MIS 5375

Recognized in Jan. 2021

Or. Geoffrey Hubona MIS 5330

Recognized in March 2021 Recognized in March 2021



Dr. Puneet Gill EDCI 5340

Dr. Mayra Peña EDLD 5314

Dr. Randel Brown EDSE 5305

Dr. Iman Ridda PHLT 3364 & 3304

EDSE 5310

Recognized in March 2021 Recognized in March 2021 Recognized in March 2021 Recognized in March 2021



Dr. Thomas Tiefenwerth CRIJ 5340 & 5305

Recognized in April 2021

Dr. María Lourdes Viloria EDLD 5316 & 5318

Recognized in April 2021

Dr. Abhijit Patwardhan MKT 5320

Recognized in April 2021

QM Peer Reviewers

There is an open invitation to any faculty member that wishes to become a peer reviewer. If interested, please email us at elearning@tamiu.edu.

Our current list of TAMIU peer reviewers include:



Dr. Patricia Abrego Master Reviewer



Dr. Frances Bernat Master Reviewer



Dr. Whitney Bischoff Master Reviewer



Mrs. Jacqueline Benavides



Dr. Jared Dmello



Dr. Kelly Frailing



Dr. James Norris



Ms. Daniela Rodriguez Member iQM



Dr. Bernice Sánchez



Dr. Patricia Uribe



Dr. Roberto Vela



Dr. María Lourdes Viloria

TAMIU QM Annual Scorecard May 2020 to April 2021



152
Workshops
Completed

38
Internal/ Offical
Reviews
Conducted

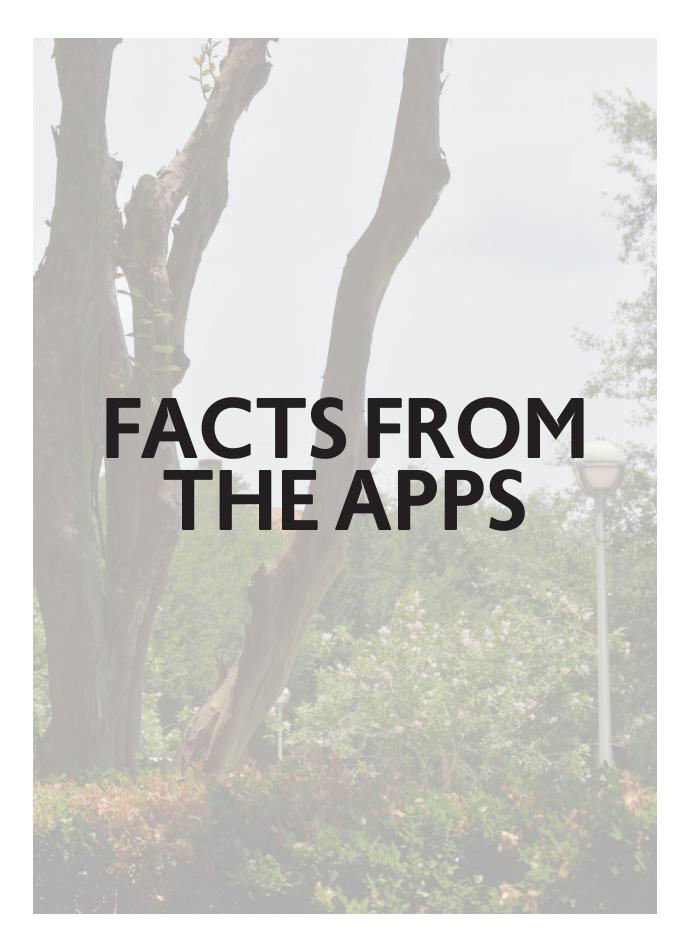


Current Status

219
QM- Certified
Courses
(historically)

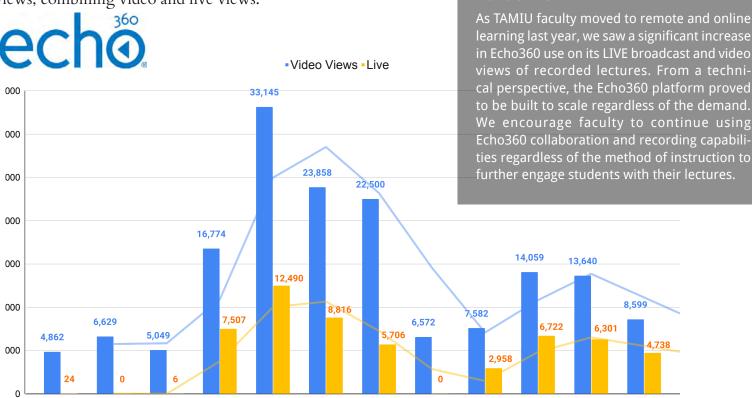






Echo360 Usage by Month May 2020 to April 2021

Echo360 is a video and lecture capture application that allows faculty to record and broadcast their lectures. There were a total of 218,537 views, combining video and live views.



Echo360 Usage during the

Pandemic

Infobase Learning Cloud Overall Usage May 2020 to April 2021

20-Oct

20-Nov

20-Dec

21-Jan

21-Feb

21-Mar

21-Apr

20-Sep

20-Aug

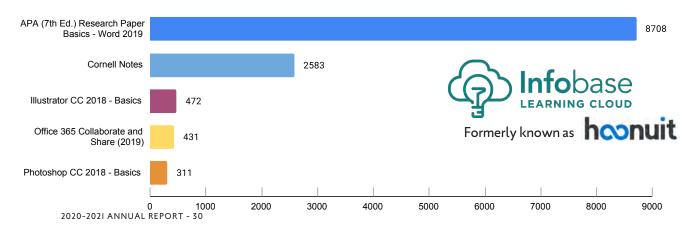
This application includes a vast library of online tutorial videos available to the TAMIU community through our Learning Management System (Blackboard). These videos are available 24/7 on any device as long as they have internet access. This graph displays the Top 5 most watched series:

Top 5 Most Watched

20-May

20-Jun

20-Jul



VoiceThread Usage by Month May 2020 to April 2021

An alternative to a textual discussion forum, VoiceThread allows students to post their replies using video, audio or both. Below shows the trends on a monthly basis, April bringing the most traffic. 14,910 VOICETHREAD Students May 2020 396 created June 2020 July 2020 August 2020 Sept. 2020 Oct. 2020 852 Nov. 2020 Dec. 2020 Jan. 2021 Feb. 2021 March 2021 965 April 2021

600

800

Blackboard Overall Usage May 2020 to April 2021

400

200

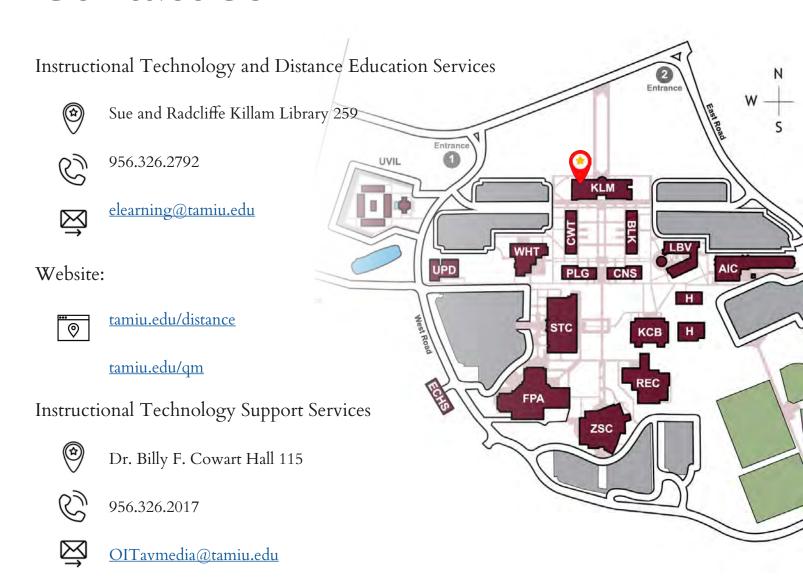
Blackboard Ally is a tool used to track universities' accessibility performance by analyzing Learning Management Systems (LMS), in an effort to satisfy accessibility standards through the use of detailed accessibility reports. Ally's newest update allows for multiple formatting of uploaded content (such as PDFs, Word Documents, etc.) into ePub, Audio, Electronic Braille, BeeLine Reader and the Translated Version. Allly aims to better equip universities to provide necessary support to its students as accessibility usage rises through the years.







Contact Us



Social Media:

- (f) txamiu.oit
- tamiu_elearning
- tamiu_elearning
- tamiu-elearning