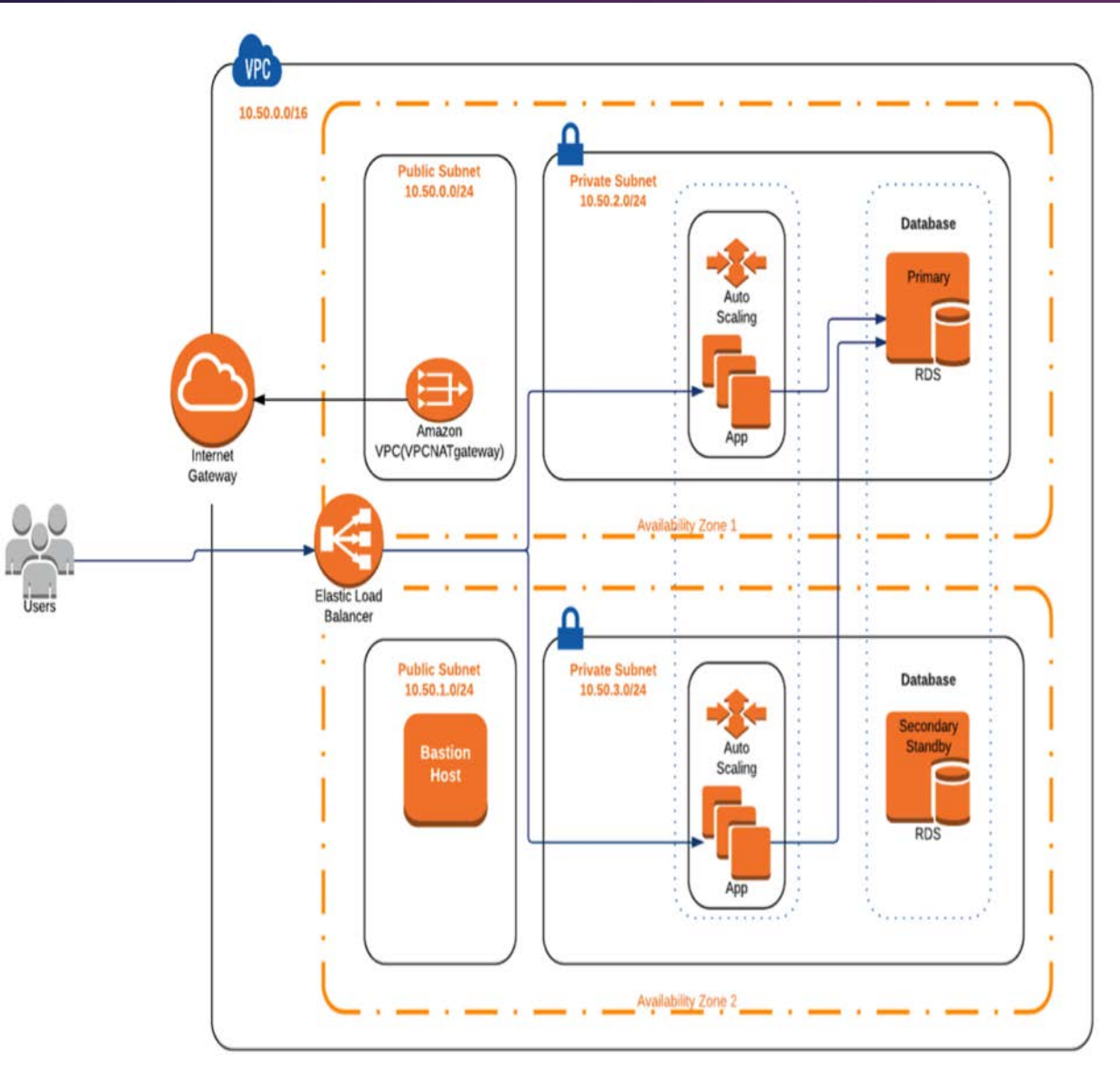


**Welcome to
Wildcat WOW Day!**

Network & Cloud Architecture AAS



- ▶ Configure and Test the successful implementation of Application Load Balancers and NAT Gateways (Target: 70% of students will score at least 80% on exam)
- ▶ RESULT: 90% of students achieved a 90% or better on the exam
- ▶ In July 2019, Northwest Vista College became the only certified Amazon Web Services (AWS) Academy in South Central Texas. We created the Cloud Fundamentals Course in Flex 2 this Fall. This course covers spanning tree and VLANs in the AWS Virtual Private Cloud (VPC). Students are learning spanning tree concepts during simulations in moving a physical data center into the “Cloud.”
- ▶ The AWS Cloud Developer & Architect Course will be offered in Spring 2020.

Digital Video and Cinema Production AAS Wildcat WOW



- ▶ **Minimum competencies editing exam.** ARTV 1351 students will create a video project on a network editing software program and edit a video sequence. Aligns with six course-learning objectives on ARTV 1351 syllabus.
- ▶ Student competency measured on an exit exam rubric listing minimum competencies for using computer technology to create a project, edit video clips and export a final movie.
- ▶ Students attempting the exam must score 70% or more in the 100-point grading criteria. 100% of students attempting competency exam will score at least 70%.
- ▶ RESULT Spring 2019: 90% of students achieved a 90% or better on the exam
- ▶ Improvement plan for AY 2019-2020: Increase number of FLMC 2280 internships from Spring 2019 total of 8 to 12.

Animation AAS

Wildcat WOW

- ▶ **Program Outcome:** Workforce Readiness: Demonstrate preparedness for the industry in regards to punctuality, appearance, portfolio quality, and verbal communication.
 - ▶ **Measure:** Measures final presentation session, focusing on punctuality, appearance, portfolio quality, and verbal communication (conducted in Spring 2019)
 - ▶ **Target:** 80% of Students enrolled in ARTV 2335 will achieve a passing score or better on the final.
 - ▶ **Findings:** For the Spring 2019 semester, 6 students participated in the portfolio final and 83% of assessed students passed this outcome.
- ▶ **Improvement Plan:** To help integrate pipelines from industry, other educational facilities, and work demands, in Fall 2019 periodic deadlines and checkpoints were introduced based upon scheduled completion estimations and iteration time to assure progress is being made to maintain the target success rate.
- ▶ Additionally, in September 2019, a lunch meeting was held with 8 employees at Booz Allen Hamilton - a U.S. management and information technology consulting firm that have a number of animation and gaming contracts that are innovating on military realism by integrating training that utilizes VR and AR as well as the latest animation and game engines – these individuals included their project manager, art director, graphic designer, programming engineer, among others. The discussions ranged from what they were looking for in graduates and the expectations for workforce readiness. This collaboration and communication with such content developers will be good guidelines to strive toward for future Animation AAS graduates.

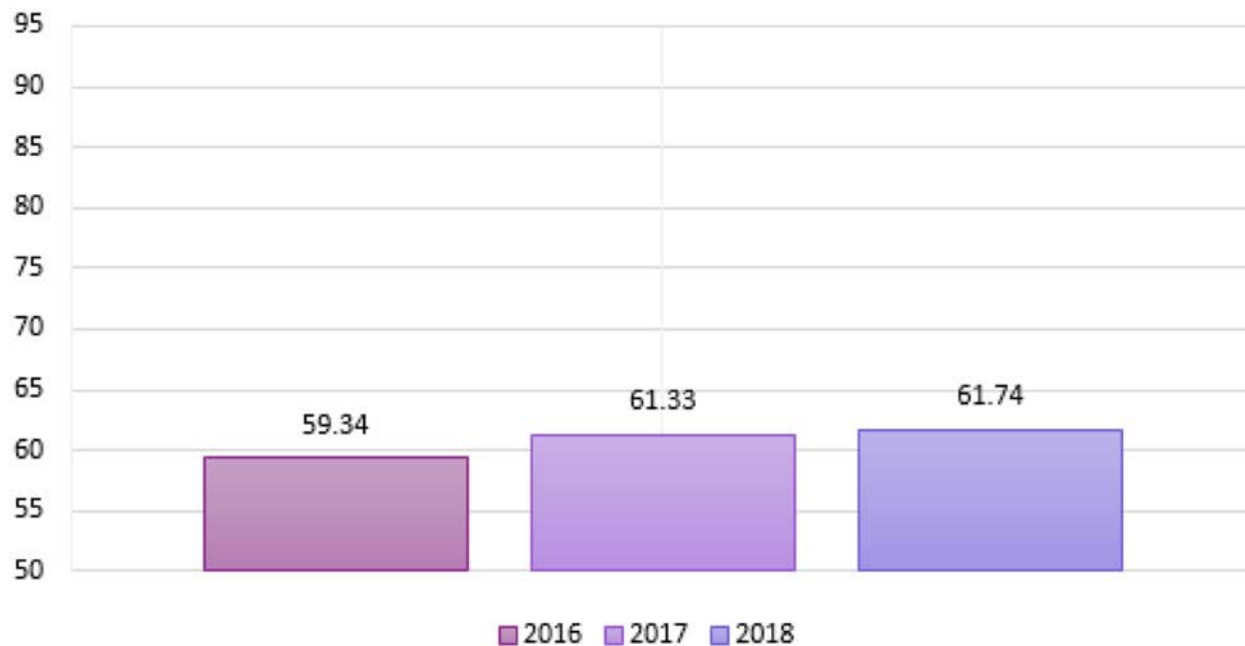
WildCat WOW

Advanced Materials Technology Program

- ▶ **Learning outcome NANO-2486-Internship-Biology Technician**
- ▶ Demonstrate positive work ethic, workforce-ready communication and organization skills; entry level skills in a nanotechnology-based lab and/or workplace
 - ▶ 10 students have completed student internships at Southwest Research Institute and University of Texas at San Antonio
 - ▶ Students completed training and hands on experience working with advanced Nanotechnology instrumentation
 - ▶ Increased their work readiness skills
 - ▶ Encouraging students to publish the research data

Associates of Arts Wildcat WOW

Fall to Fall Persistence Rates 2016-2018 (A.A.)



Fall to Fall Persistence rates have been **increasing** for the Associates of Arts program

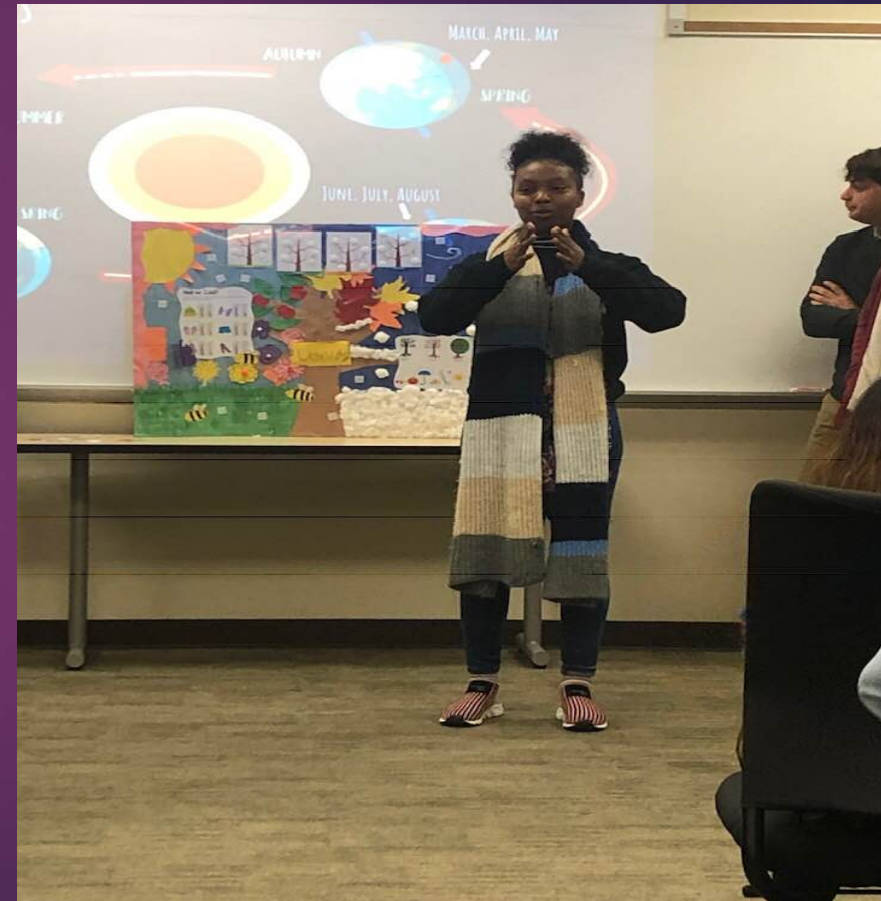
From 2016 to 2018, persistence rates have **increased** from 59.34% to 61.74%

How we will continue to improve:

Form an A.A. Program Committee in order to better align **persistence** with program learning outcomes, as well as to better define the A.A. Program scorecard as a whole

WildCat WOW Education

- ▶ **Outcome 3 in our 2301 Student Populations class** is a group teaching presentation. In 2017 only 75% received a score of 3 or higher. At that time our goal was 70%. In the fall of 2018 100% of the students we assessed received a score of 3 or higher, our goal was 80%.
- ▶ As an improvement strategy, I gave them a check off list to make sure they had each component before turning it in. This method seemed to work well, and I will be using it in the future.
- ▶ I will be using checkoff lists for all major assignments in the future because it's a way to remind them of important components.



Wildcat WOW

Associate of Science Degree Program

- ▶ Anthropology, Psychology, Geography were added to the AS Program last year
- ▶ Collaborate with coordinators to develop an appropriate scorecard to assess the success of individual disciplines in a rolling 5-year cycle.

Wildcat WOW

Clinical Research Coordinator

- ▶ SLO Measure: Students are strongly encouraged to complete the additional, non-essential activities listed on the Internship Evaluation Checklist.
Target: Student will complete 70% of the non-essential activities.
Findings: An average of 75.75% of the non-essential requirements were met in AY 18-19.
- ▶ An internship orientation class will be required of all students prior to their first day at the internship site. Emphasis will be given to the student's responsibility to identify opportunities for completing the Internship Evaluation Checklist successfully.

Wildcat WOW

Community Health Program

- ▶ Communicate clearly, concisely, and with a purpose in oral presentation using appropriate presentation software. Practicums are graded by an employer-based assessment using Likert scales, 1-5.
Spring 2019 score 4.7
- ▶ Train all current students and former graduates to be AlamoPROMISE “Ambassadors” to spread the word and facilitate recruitment of no previous family college experience seniors in vulnerable communities. Over 60 CHWs provided AlamoPROMISE orientation last month.

Customer Service /Sales Operations AAS Wildcat WOW

NVC INSTITUTE OF BUSINESS & ENTREPRENEURSHIP
Presents:

WHAT IT TAKES

SPEAK UP,
STEP UP,
MOVE UP

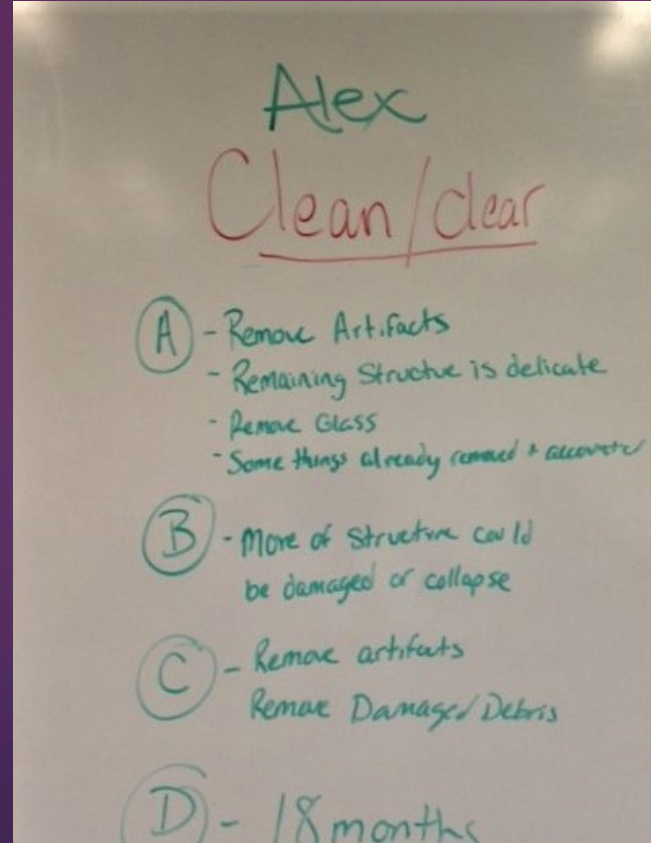
The last woman standing
on the hit business reality show
The Apprentice

**Amy
Henry**

Join Amy in a speaker session
& get to know the story of her experiences

April 2nd 11:30am-1pm CCC Lago

Supported by the NVC Student Activity Fee



- ▶ **Program Outcome:** Workforce Readiness Skills: Understand, write and demonstrate work readiness skills for job cover letters, interviews and resumes. (Target: 80% of students in MRKG 1301 will score 70% or higher on the exam).
- ▶ **RESULT:** 94% of students achieved a 70% or better on the final exam.
- ▶ In Spring 2019, invited guest speaker Amy Henry from *The Apprentice* to discuss her experience and “what it takes to speak up, step up and move up in business.”
- ▶ Giving students the opportunity to work on a “real-life” project, the Spring 2019 Project Management class developed a project plan for the reconstruction of the Notre Dame Cathedral. It included: Assumptions, Risks, Scope, Costs and Time Frame.

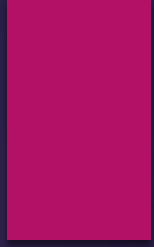
Digital Media

Wildcat WOW

- ▶ **Program Outcome**: Students must demonstrate the use of World Wide Web Consortium (W3C) standards for style, accessibility, layout, and formatting; build web pages with dynamic customization capabilities and use required software.
 - ▶ **Measure**: IMED 2315 students actively participating and completing Assignments & Projects
 - ▶ **Target**: 70% of the students will receive grade averages above 70% on all projects & assignments
 - ▶ **Findings**: For the Spring 2019 semester, 16 student(s) actively participated in the IMED 2315 courses. 94% of the students successfully passed the course, including the final project.
- ▶ **Improvement Plan**: Course updates annually to reflect current workplace skills.

Wildcat WOW

Game Development – Game Production & Game Programming AAS



- ▶ **Completion of a fully functional game and/or simulation project as a team.** GAME 2359 students will use a modern game engine, 3D art programs, and 2D art programs, to create a game. (Image is a screenshot from the Spring 2019 game)
 - ▶ Student competency measured on 80% of Students enrolled in GAME 2359 will achieve a passing score or better on the final evaluation.
- ▶ **RESULT Spring 2019:**
 - ▶ Game Production - 86% of students passed assessment
 - ▶ Game Program – 100% of students passed assessment
- ▶ **Improvement plan for AY 2019-2020:** Try to hold more game making events, Game Jams, for students to get more experience before the class.



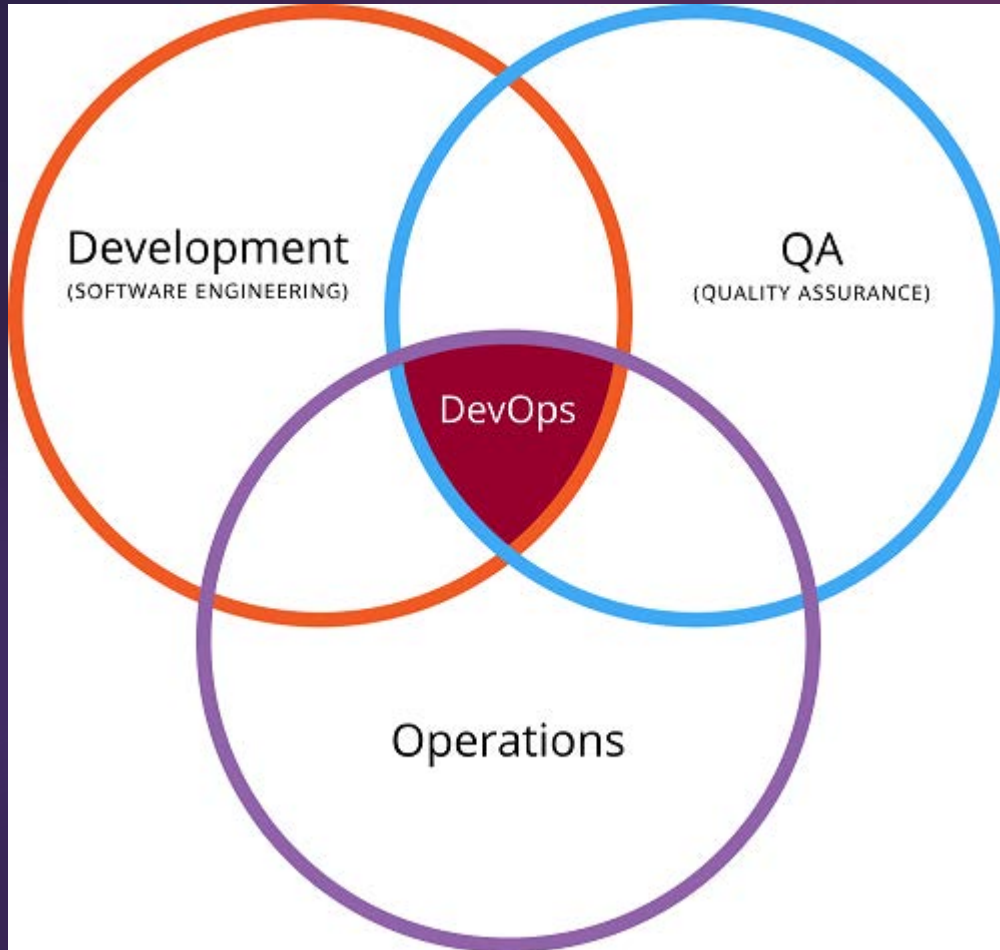
Also we helped to open up the STEAM Lab. Now students have access to other technology for their projects and further learning (motion capture, sound recording equipment, 3D printers,..)

Cybersecurity AAS Wildcat WOW

- ▶ Demonstrate a positive work ethic and appropriate behavior, manage time efficiently, communicate effectively and demonstrate the ability to work independently and collaboratively as demonstrated in the internship evaluation.
- ▶ RESULT: 85% of students achieved this SLO.
- ▶ Our advisory committees' advice has been listened to with the creation of this SLO. We are told they need people who are not only technical, but can talk, work independently and communicate effectively. This SLO and the class is geared to build a better employee.



Network Administration AAS Wildcat WOW



- ▶ Configure and verify a basic WAN serial connection. Students in ITCC 2413 taking the final online skills examination. 80% of assessed students will score minimum of 80% on graded skills exam.
- ▶ RESULT: 91% of students achieved a 90% or better on the exam
- ▶ In Spring 2021, we will incorporate Cisco's new DevOps curriculum into the AAS. Bringing together organizational philosophy, front end, back end programmers and network administrators for quicker implementation of applications.

WildCat WOW

Personal Fitness Trainer

- ▶ Program Outcome: Use of Technology Skills

The students are required to complete a literature review, and learn how to use the NVC databases to find credible information.

- ▶ Target: 70% of students will pass the assignment with a grade of 70 or higher.
- ▶ Results 76.9% of students passed with a grade of 70% or higher.
- ▶ Students in the our program are at times taking this course with Engl 1301 if they are enrolled in the AAS program, this literature review is challenging and we are wowed by these students determination and attention to detail when working on this assignment as they do not always have the same background in data collection and analysis as students who have completed both Engl 1301 & 1302.
- ▶ We have been working on a video to offer students more training on how to navigate the databases as well as follow the required APA formatting used in this assignment for the 2019-2020 Academic Year.

Pharmacy Technology AAS Wildcat WOW



- ▶ Job Readiness and Critical Thinking: Students will demonstrate the ability to identify the top 200 brand/generic medications and use grouping techniques to determine the basic side effects and indications for such drugs. (Target 75% of the students will score a 70 on the drug portion of the final)
- ▶ Results: 84.6% of students achieved a score of 70% or better. We have obtained medication-specific compendia to help enhance student learning.
- ▶ In March 2019, Northwest Vista College's Pharmacy Technology Program earned the distinction as a Pharmacy Technician Certification Board-Recognized Education/Training Program.
- ▶ In 2019 the program was also granted re-accreditation, and remains the only public institution in San Antonio to hold American Society of Health-System Pharmacists Accreditation.

Water Resource Science AAS

Wildcat WOW

- ▶ **Program Outcome:** *Students in EPCT 2342 will design and demonstrate appropriate sampling procedures for wastewater analysis; describe the theory related to quality of wastewater; and perform and interpret chemical and microbiological tests on wastewater. Understand and explain membrane water treatment systems. Identify limitations associated with membrane filtration.*
 - ▶ **Measure:** *Competency is achieved by scoring a minimum of 70 percent on comprehensive final exam.*
 - ▶ **Target:** *80% of students will score at least 70% on final exam.*
 - ▶ **Findings:** *For Fall 2018 100% of students achieved goal, however, the class size was 8.*
- ▶ **Improvement Plan:** *In order to increase the number of students enrolled in and graduating from the Water Resource Science (WRS) program in January 2019 Northwest Vista College WRS program began offering college credit for licensed operators working in the water industry. There are a total of 13 water resource science courses. Class C operators are required to take 8 water resource science courses, Class B operators are required to take 6 water resource science courses, Class A operators are required to take 3 water resource science courses.*

Wrap Up and Thank You!



WHO'S AWESOME?

YOU'RE AWESOME