

The Calling

The Pima County Joint Technical Education District 2011 ANNUAL REPORT



PIMA COUNTY

JTED

JOINT TECHNICAL
EDUCATION DISTRICT

The Calling

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Light images by Sunnyside High School JTED Photography students. Instructor: Sumaya Frick

The Cover

Victoria Codona took control of her future when she enrolled in the Pima County JTED's Aviation Program as a student at Tucson High.

We deliver premier career and technical education in partnership with business, industry and community stakeholders.

The Pima County Joint Technical Education District #11 publishes *The Calling* annually in the Fall. News reporters are welcome to quote from this publication and are asked to provide credit. Correspondence or inquiries should be addressed to: Pima County JTED, Office of Public Relations, 2855 W. Master Pieces Drive, Tucson, AZ 85741. All contents © 2011 Pima County JTED.

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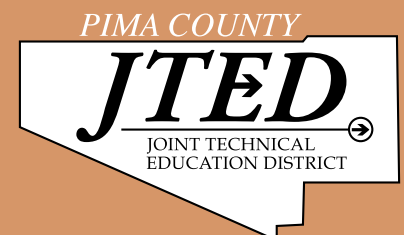
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Dear Pima County Resident:

In May, 2011, near the end of our fourth year, we received the disastrous news that the Governor's budget, as approved by the Legislature, cut Arizona's Joint Technical Education Districts by \$30 million, of which nearly \$14 million was cut from Pima County JTED. In addition, we also received cuts in soft capital and unrestricted capital, and we were held at 91 percent of our funding for a fifth year in a row.

This amounts to cutting the Pima County JTED 2011-2012 budget by a whopping 50 percent!

We had made many tentative future commitments to our member districts with new construction, new high schools, and special projects. All of these had to be cancelled.

The good news is that we finished 2011 with some carry-over, we cut our future commitments to construction projects, we reduced allocations to the member districts, we cut several JTED staff positions, and we feel that we are able to carry on into Year Five, but with greatly reduced services.

The major cut of \$14 million was the amount that the State was funding for students in ninth grade CTE/JTED classes. Some of our member districts immediately acted to eliminate freshmen from CTE/JTED classes for the 2011-2012 school year by making major changes to class schedules. Other districts changed funding sources for some of their CTE teachers and allowed ninth grade students to enroll. During the 2011-2012 school year we will be examining the feasibility of offering certain programs to ninth grade students, versus the potential of enrolling no ninth grade students.

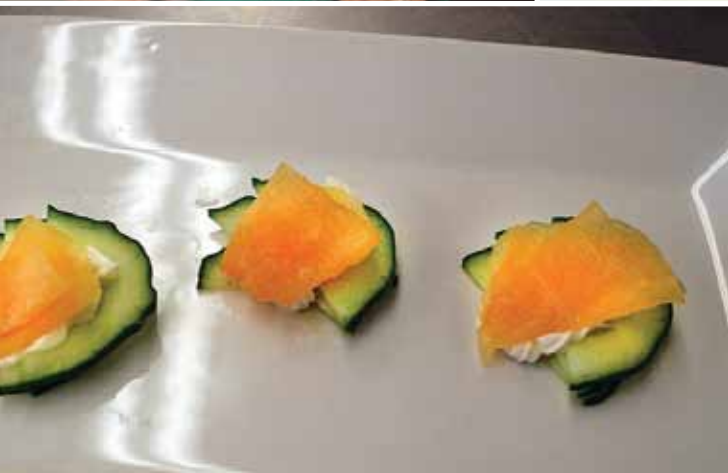
Our enrollments in our Satellite programs (at member district high schools) in grades 10, 11 and 12 are up. Our Central Campus enrollments of students in grades 10, 11, and 12 have increased significantly as well. When we began our Central Campus Law, Public Safety, and Security program three years ago, we had about 20 students. This year, we have more than 70 enrolled. Our Fire Services program has been full (60 students) for the past three years. Our Cosmetology program (120 students) has been full for the past two years. Our Certified Nursing Assistant program (120 students) has been full for the past two years. And our Health Care Foundations classes are all full, many with 35 students in each class.

We will persevere and we will continue to push our JTED growth in Pima County. We will continue to work with our legislators on both sides of the aisle as well as with our business partners to work for better funding for our JTED programs. We owe it to our students to continue providing the best opportunities to succeed in careers and college.

Sincerely,

A handwritten signature in black ink that reads "Alan L. Storm". The signature is written in a cursive, flowing style.

*Alan L. Storm, Ph.D.
Superintendent/CEO*



Dishing out Success

In the JTED Culinary Arts kitchen at Canyon Del Oro High School, 150 students busily prepare dishes that delight the eye and please the palate, while their instructor, Yvonne Bernino, prepares endless opportunities for her students to succeed.

Last year, two of her students won approximately \$150,000 in scholarships; this year she has her eyes set on \$250,000. "It's incredible when you see how these kids' lives are changed by the scholarship money — it really is moving," says Bernino. Ana Timmis won a full-ride scholarship worth \$94,000 to the Culinary Institute of America in Hyde Park, New York, and Brigitte Michel won a full-ride scholarship to the Art Institute of Tucson valued at \$54,000. Royce Schlittenhart, a senior this year, was a Top 10 Junior, an honor that came with a knife set and a free week at the Art Institute's Culinary Summer

Camp. Bernino says he'll be one of her top contenders this year.

In her first year of teaching, Bernino had one of her students make it on to the three-person team representing Arizona at the FCCLA (Family, Career and Community Leaders of America) National Competition. Last year, her students Edythe Palting and Sabrina Denney filled two of the spots on the team and won silver medals at Nationals. This year, with Palting and Denney returning as seniors, she expects her students to earn all three spots on the team.

Bernino's ingredients for success include memberships in FCCLA, CCAP (Careers through Culinary Arts Program), the Tucson Originals, the Southern Arizona Chef's Association, and relationships with countless people in industry. "I'm not a chef, I'm a Family and Consumer Sciences Education teacher, but if I don't know something, I do know who does know it and I'm able to go to them to get it," she says. Bernino had 15 local chefs, who specialize in cuisines ranging from



Ana Timmis, winner of a \$94,000 scholarship, CCAP Founder and Chairman Richard Grausman, and Culinary Instructor Yvonne Bernino.

gluten-free to sushi, visit her students last year for guest lectures and cooking demonstrations. She’s also the first high school instructor to have her students enrolled in the Rouxbe Online Video Cooking School.

Bernino also helps arrange community events that enable her students to work alongside Tucson’s top chefs, whether it’s building the World’s Largest Cheesesteak for the Guinness Book of World Records, participating in a culinary festival, taking part in the Healthiest Town in America event, or working as sous chefs for competitors in the Copper Chef Challenge. Many of those experiences have helped her students land jobs in the industry.

Bernino knew Timmis wanted to attend culinary school at Johnson and Wales University in Providence, Rhode

Island, and she knew that Westin La Paloma Chef Amanda Lindquist had graduated from there so she introduced the two. Lindquist hired Timmis, and within a year she has worked her way up to the sauté line.

Restaurant jobs, regardless if students stay in them or not, are the best way for young people to develop a strong work ethic according to Bernino. Aside from always having cash in your pocket, Bernino says the advantages of having a restaurant job are that you learn quickly to be on time, to not call in sick unless you really are, and to work long, hard hours because the rest of the team depends on you. “Restaurants also offer a sense of family like no other place,” she says.

“It’s incredible when you see how these kids’ lives are changed by the scholarship money - it really is moving.”

Yvonne Bernino, JTED Culinary Arts Instructor

Aviation mechanics in high demand — Victoria Codona's career takes flight

A year after graduating from Tucson High, Victoria Codona has earned her Airframe and Powerplant Certification and is well positioned to work in her choice of hundreds of jobs in aviation says Pete Stogsdill, Pima Community College Department Chair and Aviation Maintenance Instructor. "This industry is just dying for mechanics," he says. Even in this economy, Stogsdill says he has more than 200 requests for qualified technicians right now. He predicts that number will increase threefold in the next two years.

Stogsdill says he envies the fact that students like Codona can start pursuing a career in aviation while they are still in high school. "If the JTED program was around when I was in high school, I would have been all over it."

He says Codona was usually among the top three percent of her class, which had approximately 120 people of all ages and backgrounds, 18 of which started as JTED students. He describes Codona as being very bright and mature for her age, and says being a non-traditional student may have helped her. "Women have a unique trait, they tend to read instructions first." Codona says she played music forever, and was a member of her high school band, but she never wanted to put in the effort to become a professional musician.

At the end of her junior year, she asked her counselor, Karen Wilsey, if there was a Pima County JTED writing program. Wilsey said no, but then asked if there was anything else that interested Codona. "I told her I had been interested in aviation since I was about 9 years old, and before I knew it, Ms. Wilsey put me on the phone to the director of the program and I was signed up for it." Codona dreamt of being a fighter pilot when she was younger, but her eyesight dashed those hopes. "This is the next best thing, right?" she says with a beaming smile.

"My friends in high school used to make fun of me because all I would talk about was airplanes," says Codona, who earned 26 Pima Community College credits by the time she left Tucson High. She enjoyed the hands-on learning afforded her by having a Boeing 727 and several Cessna aircraft parked in the middle of her classroom. "There are a lot of things you learn in high school, but you can't necessarily go out and mess around with it, or touch it with your hands to really understand how it works." She adds, "When we had a question at Pima, the instructor would say, 'Everybody grab your safety goggles and we'll take a look.'"

Codona wants to join a helicopter field team, which would enable her to go wherever the helicopter she is assigned to travels. She says, "You can see a lot of the world that way — now that would be something." She adds, "I didn't really have a plan until this came along, but I knew that this is exactly what I wanted to do as soon as I started the program."

"If students are technically wired, this program has a lot to offer them," says Stogsdill. We have a 96 percent placement rate, students can expect to earn \$35K to \$40K their first year, and earn six figures after about a year and a half or with an advanced degree. There are a wide variety of areas to work including airline services, avionics (flight instruments), aircraft structures, and aircraft interiors.

Editor's Note: Shortly before publication, Codona notified JTED that she accepted a job a Bombardier.

“ I didn't really have a plan until this came along, but I knew that this is exactly what I wanted to do as soon as I started the program. ”

Victoria Codona
JTED Aviation Alumna





SUNNYSIDE'S PAINTERS

An extraordinary teacher, appropriate space, industry-standard equipment, and the freedom to express oneself through a camera lens helps JTED photography students at Sunnyside High School produce remarkable pieces of art, remain motivated to succeed in school, and focus on a potentially lucrative career.



Sumaya Frick teaches her students that light is the photographer's medium. She helps her students master the technical skills to artistically photograph nature, sports, news, fashion, science, architecture, and people in a manner that provokes, amuses, informs, or inspires their audiences. Frick refers to her students as "Light Painters," because they must master the technical skills of photography and be highly creative.

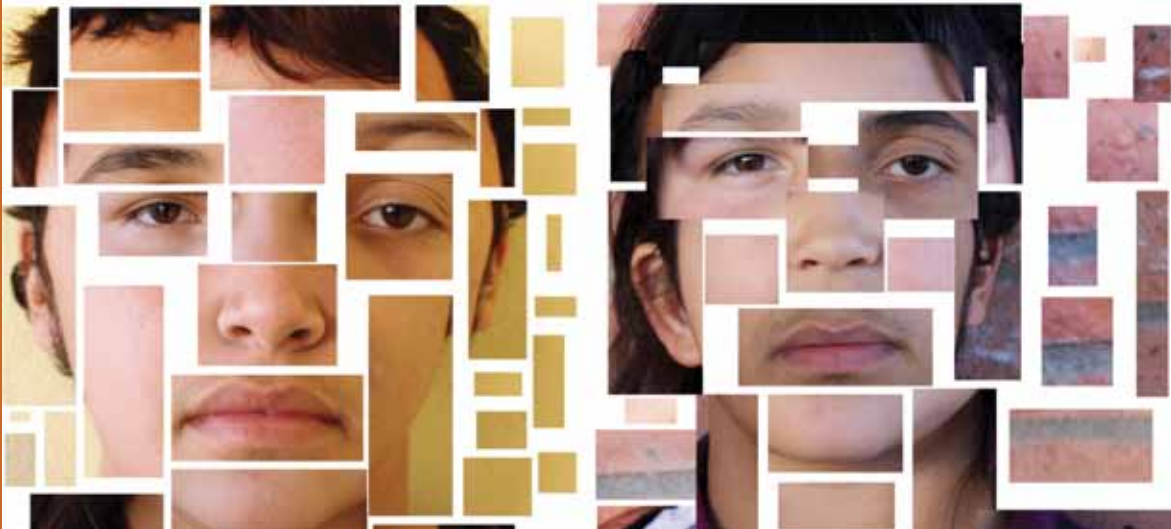
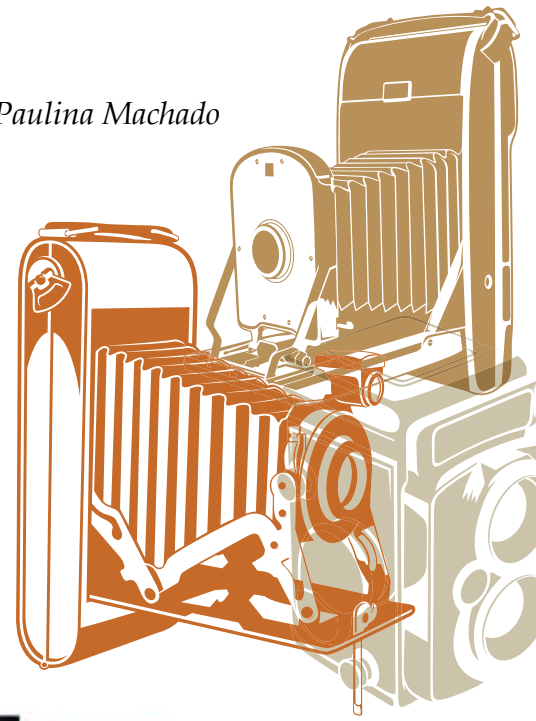
JTED and the Sunnyside Unified School District recently invested more than \$105,000 to move Sumaya's class from dark, cramped quarters to a modern, spacious studio, equipped with 40 iMacs, Adobe software, wide-format printers, light kits, green screens, design and editing manipulation tables, and enough cameras to accommodate each student.

Frick's students have work on display in the JTED @ Camino Seco Student Gallery, as well as other galleries in Tucson.

Martha Gomez 



Paulina Machado



Mercedes Galzara



Students follow their parents' lead by Cutting Class



Wagner Westerbeke, a senior at Catalina Foothills High School, spends 12 hours a day in school, plus a Saturday every other week, so that she can follow in her mom and dad's footsteps. Westerbeke's parents are award-winning stylists who own and operate the Gadabout Salon Spas that her grandmother founded in Tucson three decades ago.

After her regular classes, Westerbeke drives to Cutting Class, the JTED Academy of Cosmetology - often changing her clothes in her car - so she can log the 1600 hours of instruction needed to take the Arizona Board of Cosmetology exam and earn her license.

While she was growing up, it always looked like her parents were having a lot of fun. That prompted Westerbeke to braid or curl her friends' hair and do their makeup when she was a young girl. "I didn't always do the best job, but it's something I've always wanted to do," she says.

Her classmates suspected Westerbeke might have an advantage when they started the program, but Westerbeke says that other than knowing about the professionalism that is expected in a successful business, she didn't have the technical skills to be a cosmetologist.

Now that she's beginning to learn advanced techniques, she realizes she has gained a tremendous amount of knowledge, but yet still has a lot to learn.

Westerbeke plans to attend college and attend the Vidal Sassoon Academy in Toronto following graduation. "I think I'd like to work in the family business, but first I need to gain a lot more experience so that I can bring something of value to the table," she says. "I do feel like my education is as good or better than any other beauty school, and the best part is I'll be finished by the time I turn 18."

When her clients leave, Westerbeke likes to look out the window and gauge their responses as they check themselves out in their car's mirror. "Once you get that smile you know, yes, they like it!"

Savanna Roberts also grew up in a salon watching her mom do hair and nails. Her mom, who owns Stravaganza Salon and Day Spa in Oro Valley, didn't want her to go into cosmetology. "Well what else was I supposed to do?" asks Roberts. "I've been cleaning perm rods since I was three years old."

Roberts attends Mountain Rose High School, and says her science and math classes helped her with

measurements, mixing color, working with chemicals and understanding angles. "Subjects like English and history never connected with me, but when I'm here I know what I'm doing and I want to learn all that I can," she says. "When I'm here, I'm working on my career, I'm working on what I love, and I understand that everything I learned in high school isn't completely pointless."

Watching her mom work has been very different from having to learn everything that it takes to be able to perform a salon service says Roberts. "I always thought it looked glamorous and like it didn't take a lot of thought, but I was wrong," she says. "I didn't know there was so much to learn about skin, anatomy, chemistry and math."

Roberts says she looks forward to either working in her mom's salon or at her cousin's salon, Mi Corazón Spa and Boutique on Fourth Avenue, after she graduates and earns her license.

"There was this lady who came in to Cutting Class who had just found out she has cancer and I cut her hair, and gave her a manicure and pedicure. At the end of the day she looked at me and said, 'Thank you so much for making me feel beautiful, even if it doesn't last that long. I really appreciate you making me feel beautiful.'"

Roberts says, "It's really powerful to become close with your clients and make them feel good."

“ It's really powerful to become close with your clients and make them feel good. ”

Savanna Roberts, Cutting Class Student



Effective teachers plan on using the Wiki



The Pima County JTED's Wiki isn't just a good plan, it's more than 2,400 well-thought out lesson plans that Career and Technical Education teachers, counselors and administrators in Pima County can access at any time on the Internet to deliver rigorous, relevant and meaningful lessons to their students.

JTED's Director of Professional Development, Curt Bertelsen, says he got the idea of starting a Curriculum Writing Project and posting the plans on a Wiki from the years he spent as an Agriscience teacher. He says



that every summer he and his fellow teachers would get together and write lesson plans. "It takes about 8 hours to write one lesson - with Powerpoints, handouts, and assessment questions - so if you worked five days a week for ten weeks, you'd wind up with 50 lesson plans, and you need at least 150 for a program" says Bertelsen.

He points out that even if a teacher did write all of his or her own lesson plans, he or she would not have the benefit or richness of collaboration, and might be left wondering if the lesson matched up to the State's standards.

More than 200 teachers have spent three summers developing lessons for 24 program areas such as;

Automotive, Business Management and Administrative Services, Culinary Arts, Fashion, Hospitality, and Sports Medicine.

"Each lesson plan is designed to cover the State standards of what should be taught, and includes a Powerpoint, one to three handouts that go along with the lesson, the scope and sequence, and links to other resources," says Bertelsen.

He says the biggest element of the lessons is that they are designed to engage students. "We know that when students are actively engaged in their own education, they like the class, they learn the material and they want to come back for more," says Bertelsen. Another benefit he says is that teachers can remotely pull up a lesson plan and send it to their administrator or substitute via email when they are going to be out of the classroom, so that students can still work on a well-prepared lesson from bell to bell.

Several school districts outside of Pima County have purchased rights to access the Wiki, including two other JTEDs. If you would like further information about accessing the JTED Wiki, contact Curt Bertelsen at cbertelsen@pimajted.org or call (520) 352-5833.

“We know that when students are actively engaged in their own education, they like the class, they learn the material and they want to come back for more.”

*Curt Bertelsen
JTED Director of Professional Development*

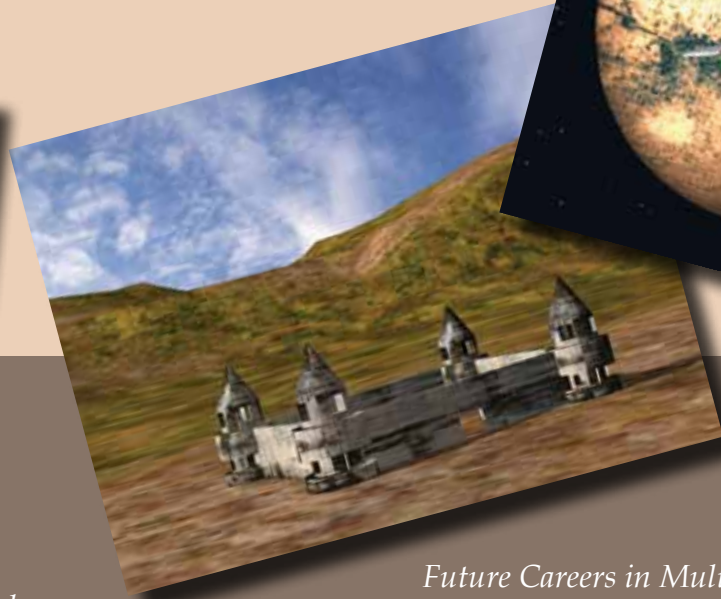
Learning to communicate in a new world

We live in a world where millions of people now have the capability to watch a video of an event minutes after it has occurred on a cell phone. That's nothing compared to what we'll see in the near future according to JTED @ Santa Rita Multimedia teacher David Fuller. The Multimedia Program is brand new this year, and Fuller plans to keep it new every year because as he says, "Technology is a moving target."

He says that learning industry-standard software isn't as important as teaching students to have the skill sets to develop compelling presentations using whatever technology is emerging. "While nothing stays constant in the world of technology, you'll always have to know how to present yourself - presentation is still everything," he says. His course is designed for students who want to work directly in a field, such as gaming and design, and those students who want to be able to produce their own interactive promotions for business.

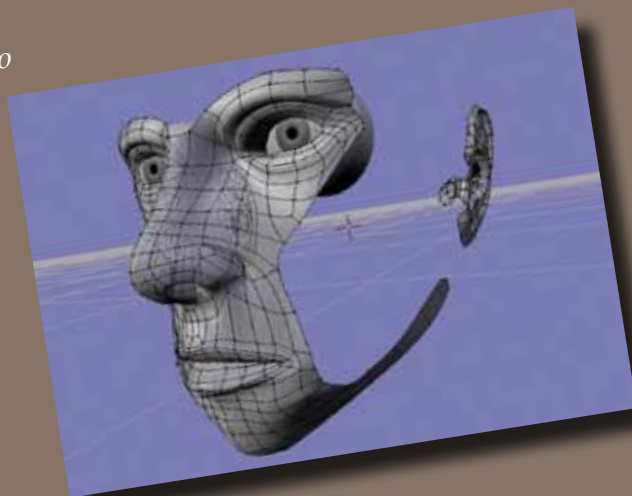
The new JTED @ Santa Rita Multimedia Center is outfitted with 30 iMac computers, two edit bays, a production studio, and a master control room. Students will be able to complete a digifolio, a showcase of all different multimedia disciplines that potential employers can access on the internet.

With SixthSense Technology being developed at the MIT Media Lab, Fuller says computer labs will soon be a thing of the past. The emerging technology, which works by having the user wear a small camera and projector, enables a person to take pictures, view images and complete computations where ever they happen to be by using simple hand gestures. "This is where technology is going, so you can see why Multimedia is going to be so incredibly vital," says Fuller.



Fuller's students will become proficient in 3D modeling, animation, audio mixing, and filmmaking using a combination of licensed and free, open-source software including:

Premiere/Final Cut Pro
Adobe After Effects
Alchemy
Blender
Photoshop
Flash/Action Script



Future Careers in Multimedia:

Video Game Developer
Multimedia Event Planner
Audio/Visual Technician
Public Relations Specialist
Electronic Journalist
Photographer/Videographer
Website Developer
Flash Developer
Online Instructional Designer
Film Editor
Recording Technician

The State of the 2012 Budget

Pima County JTED 50 Percent Budget Difference

The largest cut to the Pima County JTED 2012 budget was made when the Governor and Legislature approved the elimination of state funding for freshman enrolled in Arizona's Joint Technical Education Districts. The chart below shows how this cut and other reductions in funding amount to a 50 percent budget decrease for the current fiscal year. As a point of reference, the budget for the Pima County JTED in its first year of operation in 2008 was \$16.6 million.

	Pima County JTED Serving Grades 9-12	Pima County JTED Serving Grades 10-12	Difference
Student Count	20609	12187	41%
Budget Limit Based on Student Count	\$22,825,370.33	\$13,497,636.38	41%
Unrestricted Capital	\$1,380,493.87	\$465,969.95	66%*
Soft Capital	\$1,159,256.25	\$102,888.75	92%**
Total Budget Limit at 100% Funding	\$25,365,120.44	\$14,066,495.07	45%
Total Budget Limit at 91% Funding		\$12,800,510.52	50%

* Includes overall cuts to K12 CORL in addition to cut to 9th grade.

** Includes overall cuts to K12 Soft Capital in addition to cut to 9th grade.

JSED Financials

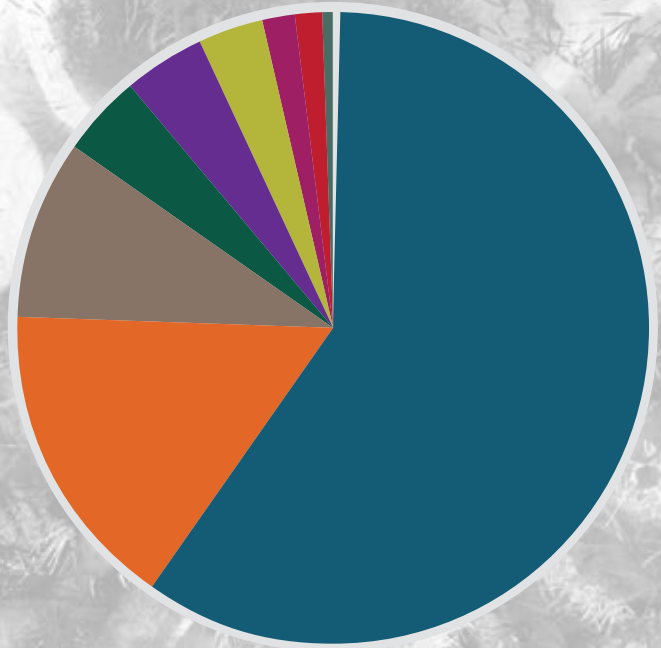
2011

These figures, the most recent at publication date, represent year-to-date revenue and expenses reported for the fiscal year July 1, 2010 to June 30, 2011.

JSED District Expenditures

Revenue

State Equalization Assistance	\$14,631,284.08
Property Tax Revenue	\$4,488,286.37
Revenue Yet to Receive	\$2,621,640.71
Carryover	\$1,414,160.45
County Equalization Assistance	\$1,329,208.33
Tuition (from non-member districts)	\$544,657.33
Rent	\$197,131.48
Prop 301 Money	\$73,235.65
Fee for Service	\$38,259.00
Misc Revenue	\$12,635.05
Interest	-\$15,466.72
Total Revenue	\$25,324,196.98



Expenditures

Allocation to Districts and PCC Tuition	\$14,720,687.58
Salaries	\$3,893,815.91
Central Learning Facility Purchase	\$2,234,468.11
Benefits	\$1,034,836.79
Rent, Repairs, Cleaning	\$972,893.05
Supplies and Textbooks	\$861,408.92
Purchased Professional Services	\$372,630.63
Communications, Travel, Printing, Insurance	\$349,045.16
Technology, Furniture and Equipment	\$143,267.69
Dues and Memberships	\$107,980.63
Total Expense	\$25,324,196.98

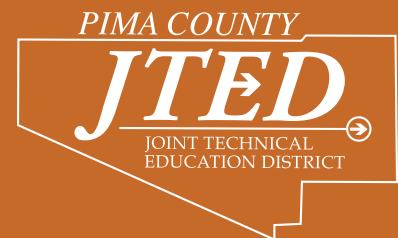


Central Campuses

JTED @ Master Pieces
JTED @ Camino Seco
JTED @ Empire
JTED @ Flowing Wells
JTED @ Indian Oasis/Baboquivari
JTED @ Mountain View
JTED @ Santa Rita
JTED @ Tanque Verde
JTED @ UAMC — South Campus

Serving all students who reside in
the following school districts:

Ajo
Amphitheater
Catalina Foothills
Flowing Wells
Indian Oasis/Baboquivari
Marana
Sahuarita
Santa Cruz Valley
Sunnyside
Tanque Verde
Tucson
Vail



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Tucson, AZ 85741 | (520) 352-JTED (5833)

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