



AMERICAN SAMOA
COMMUNITY COLLEGE



INSTITUTE OF TRADES & TECHNOLOGY (ITT)

“Apprentice” (Matātā’ese’ese)

GEAR UP and ITT Partner Up: AutoCAD Program By: Tu’umalo Shimasaki, ITT Student

In a question and answer session, ITT - Architectural Drafting/AutoCAD student Tu’umalo Shimasaki (myself) interviewed GEAR UP Technology Specialist, Mr. Tipalelupe Tapuai regarding the recent partnership between ITT and GEAR Up Samoa. The following is a dialogue between Mr. Tapuai and I.

1. What is GEAR UP’s purpose with this AutoCAD class? *The purpose of this program is to prepare the students for higher level education, be it college or university. The program Gear Up has provided High School students a good start with their education by helping with Math and English. We have extended into “technology” with ITT in Autodesk, utilizing AutoCAD software. Learning about AutoCAD will prepare students once they enter college or university. They should not have to start at the introductory level of

AutoCAD courses. Also, the student might become interested in other ITT programs.

2.. What is Autodesk and how does it relate to AutoCAD classes offered by GEAR



Mr. Tipalelupe Tapuai conducting AutoCAD class Photo by: Patricia Tufele

UP? * Autodesk, a software company, provides computer-based software used by architects, engineers and construction companies to make their work easier. Autodesk has several different kinds of software such as AutoCAD, Auto CAD Civil 3D, Auto-

desk 3D max, and Autodesk inventor to name a few. Autodesk provides tools and technology to bring design ideas to life. By using Autodesk programs, you do not have to use a pencil and paper or go to several places in search of your design. Just use Autodesk, which has different kinds of programs for different designs.

3. Is this program only for Vo-Tech High School students or can anyone in High School student take it? * This program is for Vo-Tech High School students and any other student interested in this field and enrolled in the GEAR UP program. Ever since GEAR UP started this course, many students from Samoana, Voc-Tech, Kanana Fou, Tafuna, and Iakina have become really interested in learning

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Training-Aides for ITT Programs By: Katie Ilalio-Fa’aloua, ITT Student

Institute of Trades Technology (ITT) program has geared up for Fall 2009 with two state of the art training platforms for Electrical and Diesel programs.

According to Dean of ITT, Bill Emmsley, this is another step in the development of the trades. Dean Emmsley, a retired Navy “marine engineer” among many professions, hopes these baby- steps toward the continuation of a 1000-mile



Dean Emmsley, ET100 students and ITT Electrical Instructor Eliki Afalava

journey that will culminate in a program that will mirror state-side technical institutes. “We are very fortunate and thankful to

receive funding to purchase these instructional aids, because it means bringing the field experience in to the classrooms”, said Emmsley.

“We try to mimic the real world as much as possible”, Emmsley explained. “The trainers, as they are called are simulators – the components and devices on these platforms are just like the ones in the field.” Said Emmsley, “Students taking electrical and diesel programs will have a solid understanding (continued on Page2)

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about this program Autodesk.

4. How did GEAR UP communicate with High School students about this program?

* Last year, GEAR UP had students who graduated from Elementary School, and GEAR UP told these students about the AutoCAD program they could provide for this year, 2009. It would help anyone interested in the AutoCAD program get a head start. It is better to learn now than later.

5. How many students do you have in the program?

* There are 24 students in this program. We were hoping to have more students, but there were not enough computers in one classroom for more.

6. When did this AutoCAD class start?

* This program started on March 9, 2009 at the ASCC in ITT Lab A. Class is held from 3:00pm to 4:00pm Monday through Wednesday. The last day for this class will be May 12, 2009

7. Will there be any more programs provided for High School students after this one finishes?

ishes?

* Because there are many programs from Autodesk, GEAR UP hopes to start another program for summer 2009, as well as for the Fall and Spring semesters.

8. How did you know about Autodesk and its software?



GEAR UP student from Samoa in AutoCAD class
Photo by Patricia Tufele

software?

* From computer experience and also from the tutoring programs Autodesk provides online.

9. How will this class help students learn AutoCAD?

* The high school students who come and take this class will hopefully find it interesting, and it should not take them a whole semester of Introduction to AutoCAD to learn the basics. This is the first step to shortening the introductory portion from 16 weeks to maybe 4 weeks, and then we can focus on more advanced portions of AutoCAD in the future.

This Summer, GEAR UP and ITT have partnered up for GEAR UP's yearly summer camp. ITT will provide classroom space and computers for classes in AutoCAD, Introduction to Computers, and Algebra Math. The camp will run from June 15– July 3, 2009. *

Training-Aides for ITT (continued from Page 1)

of their respective fields".

ITT now has equipment, curriculum, and qualified teachers to accommodate students who are interested in the electrical trade and other fields. Emmsley compared the importance of training aids to flight simulators used by Navy pilots for training. "If you want to be a pilot, instead of sending you up in a million dollar airplane, a simulator is more economical and safer in case of an accident". In the case of electricians, the last thing a homeowner wants to

see is their home going up in flames, once the switch is flipped".



Automotive Students working on Hydraulics
Trainer.

"This is unlikely to happen if the electrician wiring the home uses these types of trainers and gets the right kind of instructions through the proper course of study", claims Emmsley. ITT hopes to bring in more trainers to help with hands-on training, for this is definitely the way most students pick up skills quicker. ITT thanks the President and supporting staff who were involved with the acquisition of these trainers. Special thanks to FutureTek for working diligently with ITT.*

ITT Awards 2 Students, Dean's Excellence Award

By: ITT Staff

This semester is a special one for ITT. The Institute awarded two of its graduating Architectural Drafting students, Patisela Mulitalo and Tu'umalo Shimasaki. Both young men are the esteemed recipients for the ITT Deans Excellence Award for spring semester 2009. This is a first for ITT. Mr. Kuka Matavao and Mr. Adullum Esera are ITT's Architectural Drafting/AutoCAD instructors and were "privileged", but found making the

choice between students "difficult because both students worked equally hard" said Mr. Matavao.

Recipients received their awards on May 13, 2009 at an awards ceremony that ASCC holds every semester for its graduates at Hong Kong Restaurant. On behalf of ASCC, Dean Emmsley and ITT congratulates Patisela and Tu'umalo for a job well done. *



Pictured here from L to R: Patisela Mulitalo, Dean Emmsley and Tu'umalo Shimasaki.

ITT Presents at USDOL– Office of Apprenticeship Conference

By: ITT Staff

A three-day conference was held in San Francisco, California in the early part of April 2009, which was attended by more than 200 participants from all over the Western states of America as well as, the Territories in the Pacific Islands.

The conference was to align workforce programs to meet the ever changing training needs of our country's workforce. It also gave USDOL the opportunity to re-emphasize the need for more collaboration among its various programs, "**Collaborate for Success, partnering with Registered Apprenticeship**" especially, with registered apprenticeship programs, as a viable training option to keep our country's labor force skilled, educated and competitive.

Representing American Samoa was a team consisting of Ms. Makerita Enesi, Manager, Department of Human Resources; Ms. Opa Sotoa, Department of Education; and,

Moefa'auō "Bill" Emmsley, Dean, Institute of Trades & Technology (ITT), American Samoa Community College (ASCC).

The conference also gave Dean Emmsley, the opportunity to present American Samoa's "model" for organizing registered apprenticeship training programs in American Samoa—the model has been adopted by Palau and Northern Marianas in organizing their programs. According to the model, ASCC, becomes the "central" agency to coordinate, monitor and report all administrative processes to the Honolulu Office, with respect to the management of the program. "Because curriculum is central to the process, it makes sense to centralize it in one location, in this instance ASCC", according to Dean Emmsley.

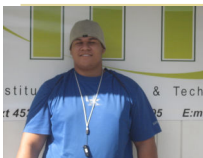
An MOU, between ASG, ASCC & USDOL is expected to be signed by the Governor Togiola shortly, signifying his approval for an officially launching.*



Dean of ITT, Mr. William T. Emmsley

Changes at ITT: Renovation of Computer Lab & Auto Shop

By: Emelio Sia, Jr., ITT Student



As an ASCC and ITT student I have concerns about what I involve myself in while here at the College. I took the task of interviewing three ITT instructors from separate programs, Mr. Sal Poloai (ICT and ITT Department Chair), Mr. Fred Suisala (Master Certified ASE Technician) and Mr. Tom Hardy (Carpentry and Welding).

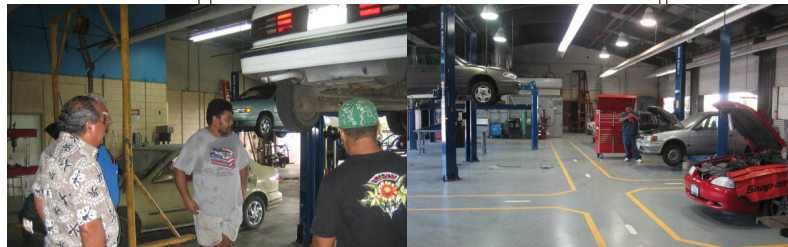
My first interview was with Automotive Instructor Fred Suisala, who told me that when he first arrived at the ITT auto shop, it was a mess. It took him months to renovate the building, because of the way it looked inside and outside. Fred had the building re-painted, installed car lifts, organized the tool room, and arranged the current auto shop floor plan. Suisala says in reality, all he did was "clean house". Suisala claims that there is no reason for a shop to be dirty, and "The only thing that should be dirty are your hands."

Suisala hopes to make the shop larger in order to get more certified workers out into the community. He points out that due to the high population here on island, the local auto service businesses will have a big need for journeymen (and women) in the profession. A journeyman

in the automotive field basically means someone who is qualified to work on your car.

Sal Poloai spoke of the new renovation in ITT computer labs. In the past, the ITT had only two labs, but now there are three with 50+ computers. When asked

renovation of the labs with the help of hired electrician and two carpenters. Poloai shared his belief that the program is going to grow and he expects new and exciting things to happen. He said, "With the additional computer lab, more students now have access".



Before (February 2007)

After (December 2008)

why the labs were modified, Poloai stated that the population of ASCC students grows continuously, and therefore the need for computer access increases.

In addition, the required ICT 150 - Introduction to Computers course holds on average of ten sections a semester, while ITT offers various other computer-based courses such as AutoCAD, Home and Small Business Network, and Land Development. The renovation took about two weeks, said Poloai and the money to pay the contractor came from ITT lab and printing fees. These fees also help to supply the printers with paper and toner for the general use of ASCC students. Mr. Tom Hardy, ITT- Carpentry Instructor, assisted with the

"We anticipate that eventually all ASCC classrooms will become 'smart classrooms', meaning they will have built-in computer access. As the world gets more advanced, we need to advance right along with it." Poloai believes ASCC and ITT are keeping up with current advancements. "We either evolve or get left behind, and I think we are evolving" said Poloai, .



ITT services ASCC & community with three labs with 50+ computers
Photo by: Patricia Tufele

The ITT curriculum incorporates a variety of technology, such as the ALL DATA equipment at the Shop or the software used for Land Development and AutoCAD. In addition, ITT has established courses for students to get certified in A+ and CISCO (CCENT, CCNA and CCNP). Certification is the key to getting a decent paying job in today's world. If you would like more information please call 699-9155 ext 325 or email itt@amsamoa.edu *



ITT Participates at Tafuna H.S. Career Exploration Day

By: ITT Staff

On March 27, 2009, ITT instructors Michael Leau (ICT) and Fred Suisala (AUM) attended Tafuna High School's (THS) Career Exploration Day. The invitation came from the THS Future Business Leaders of American Samoa (FBLAS). This was ITT's second visit to the school. Last year, Dean Emmsley was given the honor of being keynote speaker.



This year's theme was "Knowledge is Power", a saying coined by Sir Francis Bacon of England in the late 16th century. Mr. Leau advised that the THS Career Exploration Day follow a format where only the business classes utilize their first four periods of the day, with career speakers invited to the individual classes. THS has four Business department teachers. Shirley Della Rosa was the host and had initially invited three speakers for each 45-minute class period. The ITT instructors were one of the three guests scheduled for Ms. Della Rosa's first and second period. ITT had prepared for the entire 45-minute block and opted to present for 3rd and 4th period. Leau and Suisala were given the entire 45 minutes, and gave presentations which proved to be very informative to the students as well as the three administrators who popped in during the presentations.

The ITT representatives met with three classes, totaling close to 90 students. The majority of the students were juniors, with some seniors and sophomores also attending. During the sessions, Leau and Suisala covered the various courses that ITT has to offer. Suisala and Leau briefly touched on all 11 divisions of ITT, and spent a little more time on their respective fields of Automotive and ICT. Suisala and Leau used a team approach to the presentation. DOE administrators and THS vice Principal Mrs. Saouila Kava spent the entire period listening to the ITT presentation, and were really happy with it. Glenda Magalei, DOE administrator for the Vocational High School, said that she would encourage the other high schools that have not yet done so to invite ITT when they have their career days. Mrs. Kava was also impressed with the many course offerings at ITT. Said Leau, "This was a great opportunity for Suisala and myself, and I know that it also benefited those students who attended our presentations." The visit to THS went well for ITT, and Leau feels that if ITT were invited to THS again, ITT will get a larger crowd.*



Mike Leau presenting to THS students

ITT Receives Donations from Samoa Motors

By: Eric Moi, ITT FWS student



The ITT Automotive Program received a generous donation of auto parts worth over \$15,000 from Samoa Motors this past February. Automotive instructor Fred Suisala, a certified Master automobile technician with 32 years of experience, was asked if the donation would make an impact on his teaching. He said, "Before, it was very hard to explain how these parts looked and functioned. Now, it helps me out a lot as an instructor because we actually have the parts on hand."

The donation was received from Russell Cox, Director of Parts and Services at Samoa Motors. Cox said this is his company's first donation to ASCC, but Samoa Motors is willing to continue working closely with ASCC and ITT in the future. Cox has also been involved with ITT's Local Apprenticeship Advisory Group since its establishment in June 2007.

This group tries to keep money and

employment within our community by training our youth at national standards in various vocations. Said Cox, "There are many people talking about what they can do without doing something constructive. Giving the young automotive students something current and trade-relevant to train on is a positive step forward." Cox explained that the parts, which have never been used, were intended for shipment back to the mainland, until Samoa Motors decided it would instead donate them to ITT.

ITT is especially thankful for donations like these. If anyone is interested in donating parts to ITT, please

contact Dean Emmsley in advance to assure the parts will be put to good use. Call 699-9155 ext 325, or email itt@amsamoa.edu.*

Special Thanks to Russ Cox and Samoa Motors from



Right Photo: Russ Cox, Service Manager, Samoa Motors and Fred Suisala, ITT Auto Instructor
Left photo: ITT - Auto Shop floor covered with parts donated by Samoa Motors

