



GREAT BASIN COLLEGE  
1500 COLLEGE PARKWAY  
ELKO, NV 89801

Tech Prep Office  
Phone: 775-753-2303  
[www.gbcnv.edu/techprep](http://www.gbcnv.edu/techprep)

# TECH PREP TALK

*The Tech Prep Program helps students transition from high school to college. Juniors and Seniors are eligible to earn college credit by taking Tech Prep Career and Technical Education courses at their high school! Career and Technical Education prepares students for high skill, high wage, or high in demand careers.*

Volume 4  
Fall 2008 Edition

## WHAT'S NEW? OUR ELECTRICAL & INDUSTRIAL TECHNOLOGY BUILDING!

**AKA: EIT**



## MORE ABOUT THE EIT BUILDING

Now—the Electrical, Instrumentation and Millwright programs are all housed under one roof with large lab facilities and class rooms with state of the art equipment.



**The EIT Building is student friendly with WiFi and plenty of seating areas for students to relax and enjoy the surroundings.**



And introducing . . .  
Café Xcetera, a great place to get your morning coffee, scone, Frappacino and more!

## LET'S TALK ABOUT CTE

Career and Technical Education (CTE) is about helping students of all ages fulfill their working potential. First and foremost it's about high school and college education that provides students with:

# CTE

- Academic subject matter taught with relevance to the real world; often called contextual learning.
- Employability skills ranging from job-related skills to workplace ethics.
- Education pathways that help students explore interests and careers in the process of progressing through school.

# MINING ROCKS!

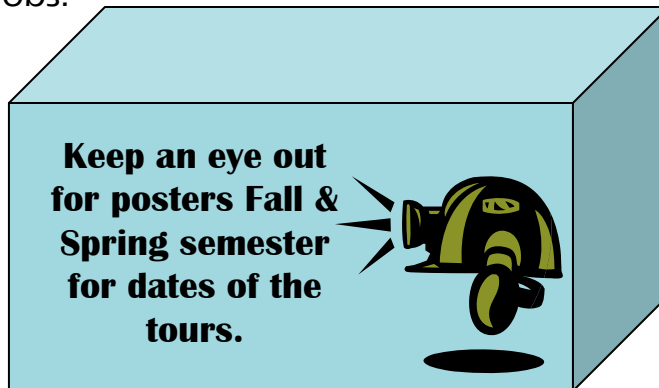
Every Fall and Spring Semester we coordinate with Newmont and Barrick Mining Companies to take a tour to one of the local mine sites.

ture jobs are available, and what programs to take here at GBC to get those jobs.



These tours are put together for you: the High School Student.

This is so young students can get an idea about the industry, discover what fu-



## HERE ARE A FEW OF OUR PROGRAMS AT GBC

### INDUSTRIAL ENERGY EFFICIENCY

The Associate of Applied Science degree in Industrial Energy Efficiency (IEE) prepares students for careers as energy efficiency technicians for the manufacturing, mining, energy service, energy consulting, and power & utility industries. A successful graduate of the program will have developed the skills necessary to effectively manage industrial energy efficiency through reductions in energy consumption and costs. The IEE program provides students with an Associate of Applied Science degree .

Rising energy costs and increased energy consumption throughout Nevada and the United States has created a critical need for trained personnel to manage and assess energy consumption. The IEE program is designed to serve the growing needs for efficient energy use across the state. The course will be offered using the distance learning technologies pioneered by Great Basin College. Interactive video and Internet instruction make the program easily accessible to students throughout the state.

For more information on these or any programs at GBC—call our main line, and the Welcome Center will get you in touch with the right people.

### ELECTRICAL SYSTEMS/ INSTRUMENTATION

Great Basin College has programs that specialize in training students for entry-level employment in Electrical Systems and Instrumentation fields.

Preparation of learning outcomes in our department include a thorough study of industry requirements for the trade (particularly with ISA, Instrumentation Systems and Process Automation). This organization is the default standard in instrumentation for the county and most of the industrialized world. Additionally, we listened to our advisory board, including members of local industries, mines, and government agencies. Proposed learning outcomes were reviewed and modified by this group to adapt more closely to their requirements.



### INDUSTRIAL MILLWRIGHT TECHNOLOGY

The Associate of Applied Science in Industrial Millwright Technology prepares a student for an exciting entry-level career as an industrial mechanic in manufacturing, mining, construction, and the service industry. The student receives technical training in mechanical operations, fluid power, machine tool operation, preventative/predictive maintenance, electrical theory, welding processes, and industrial heating and cooling.

Upon successful completion of the Industrial Millwright Technology Program the student will possess the skills necessary to diagnose and repair mechanical, electrical, fluid and air handling systems found in most industrial, agricultural, mining, construction, and service industries. A graduate can work in all locations that use machinery to produce a product or service including steel mills, paper mills, mining operations, gravel quarries, universities, schools, textile mills, food processing plants, automotive plants, shipyards, power plants, hospitals, aerospace industry, and office buildings/ complexes.

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## CAREER CLUSTERS: FOCUSING EDUCATION ON THE FUTURE

**What Career Cluster do you fit in?**

Information Technology

Arts, A/V Technology & Communications

Law, Public Safety, Corrections & Security

Agriculture, Food & Natural Resources

Education & Training

Business, Management & Administration

Health Science

Finance

Human Services

Manufacturing

Hospitality & Tourism

Marketing, Sales & Service

Science, Technology, Engineering & Mathematics

Transportation, Distribution & Logistics

Architecture & Construction

Government & Public Administration

Career Clusters Prepare All Students for College, Technical Training, Apprenticeships and Careers.

Technological advances and global competition have transformed the nature of work. Tomorrow's jobs will require more knowledge, better skills, and more flexible workers than ever before. Tomorrow's workers must be prepared to change jobs and careers several times, continually updating their knowledge and skills.



## TECH PREP INFO:

By taking a high school class that is a Tech Prep class you can:

- Earn 3 Tech Prep credits (one class) and save \$192.00
- Earn 6 Tech Prep credits (2 classes) and save \$384.00
- You can earn up to 15 Tech Prep credits! That's \$960.00

And that doesn't include other college expenses like books and lab fees which could add over \$100 per class . .

Did you know? . . There are students who have earned an Associates Degree by the time they graduate from high school by taking advantage of the Tech Prep and Dual Credit options. WOW!!

### How Do you get started?

#### Freshman and Sophomores:

Start planning to earn college credit now.

See what classes are available to take your junior and senior year at [www.gbcnv.edu/techprep](http://www.gbcnv.edu/techprep)

#### Juniors and Seniors:

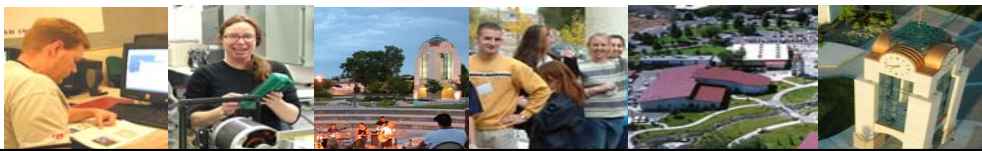
Enroll in Tech Prep classes offered at your high school and earn GBC credit. Fill out an admission form available at [www.gbcnv.edu/techprep](http://www.gbcnv.edu/techprep) and return it to your high school teacher or counselor.

[www.gbcnv.edu/TechPrep](http://www.gbcnv.edu/TechPrep)

## GBC TOURS FOR HIGH SCHOOL STUDENTS

Great Basin College offers field trips & campus visits year round for students, parents, teachers, and classes. Many of our faculty are also available to talk to your classes about college and careers. Sign up with the Recruitment Department for a 2 or 4 hour customized tour or a class visit!

Call 775-753-2201 to sign up.



## WHAT'S THE DIFFERENCE?

Dual Credit? Tech Prep Credit? Confused? Here's the difference!

**Tech Prep Credit:** Juniors and Seniors can earn up to 15 college credits *free of tuition* for select career courses taken at their high school, taught by their high school teacher. Students must take the required sequence of courses, earn at least a B average, fill out the Tech Prep application form, and the GBC Application form to earn their credits. There are different courses available depending on which high school you are attending. Tech Prep applications with the courses available for your school district are available on the Tech Prep website [www.gbcnv.edu/TechPrep](http://www.gbcnv.edu/TechPrep)

**Dual Credit:** High School students can take dual credit courses through GBC, taught by GBC instructors, that meet high school credit requirements *while earning college credit*. There are some special forms that need to be filled out– they are available at the high school Counseling offices or the GBC website [www.gbcnv.edu/admissions/dual credit](http://www.gbcnv.edu/admissions/dual%20credit) . The cost is \$25 (plus books and lab fees) if the student enrolls in GBC's Distance Education "K" classes- Interactive Video, Online, or LiveNet (live audio and/or video online). Students who enroll in traditional classes on a college campus pay the regular GBC tuition and fees, which are half the cost of a university.



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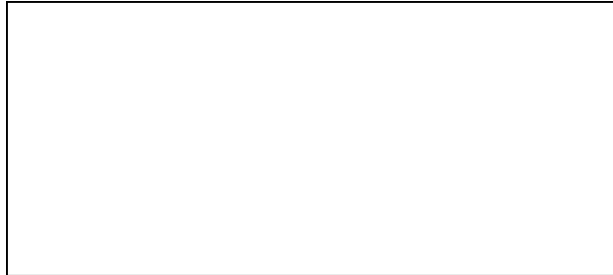
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## CAREER AND TECHNICAL EDUCATION FOR HIGH SCHOOL STUDENTS

- Accounting
  - Agriculture
  - Business Administration
  - Computer Aided Drafting
  - Diesel Technology
  - Early Childhood Education
  - Electrical Systems Technology
  - Geographic Information Systems
  - Graphic Communications
  - Human Services
  - Industrial Millwright Technology
  - Information Specialist
  - Instrumentation
  - Network Specialist
  - Nursing
  - Office Technology
  - Retail Management
  - Secondary Education
  - Web Specialist
  - Welding Technology
- And More!**

