The University of Montana
Helena College of Technology
Presented January 31, 2005

EXHIBIT 3
DATE 1/31/2005
HB

Accomplishments

ACCOUNTING AND BUSINESS TECHNOLOGY
ELECTRONICS TECHNOLOGY
OFFICE TECHNOLOGY
Offering a new AAS and AS in Business Technology

FIRE AND RESCUE
Delivery of Fire Training Program on the Missoula COT campus

GENERAL EDUCATION
Began the Associate of Arts degree program and graduated our first AA student
Revised degree programs to have a common and consistent core of courses

STUDENT SERVICES/LEARNING CENTER & DISABILITY SERVICES
One stop shopping occurred with the redesign of the Student Services space

PRACTICAL NURSING
Nursing had a 93% passing rate on NCLEX-PN

Board of Nursing action on Associate of Science degree in nursing leading to Registered Nursing slated for February 8, 2005

AUTOMOTIVE TECHNOLOGY
National Automotive Technicians Education Foundation (NATEF) Recertification

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Accomplishments

AVIATION MAITENANCE TECHNOLOGY
Expansion of the composite manufacture and repair training program

CONSTRUCTION TECHNOLOGY
Increased opportunities for students with the multiple work sites through projects with Helena Building Industry Association

Community involvement: construct playground equipment at Memorial Park; students have helped build two Habitat for Humanity homes

DIESEL TECHNOLOGY
Placement rates of students in Diesel Technology is near 100%

METALS TECHNOLOGY
New Associate of Applied Science in Metals Technology, which responds to industry needs for qualified programmers

Miller Regional Training Center which give the Metals Technology students training on the latest welding equipment, available to industry

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Changing Times

The world has accelerated in the past decade and much has changed with education and training at the College of Technology in Helena.

What We Were in 1995...	Who We Are in 2005...	Where We Are Headed...
Full Time Equivalent Students		
451.33	679.53	3-5% annual Growth
Program Certificates and Degrees		
11 Certificates	8 Certificates	"... will be recognized as a regional center of technical and academic education; as a partner in economic and community development; and as a diverse and accessible community of learners." (Vision Statement)
6 Associate of Applied Science	23 Associate of Applied Science	
	1 Associate of Arts	
	1 Associate of Science	
Program Offerings		
Accounting and Business Technology		
13 accounting classes	22 accounting and business classes	
	Added Small Business Management Technology option; Added online delivery class	Partnerships with government and business, online delivery
Associate of Arts/Science		
Not available	Associate of Arts degree added; Associate of Science degree added. Emphasis on transferability to a 4-year institution	Expanded course offerings (90 classes), transferability

Changing Times

What We Were in 1995...	Who We Are in 2005...	Where We Are Headed...
Aviation Maintenance Technology		
FAA approved curriculum	Received a grant for equipment	Composite training
Computer Technology (formerly Data Processing)		
15 data processing courses	Curriculum expanded to include network administration, programming, webmaster, and network architecture	Latest equipment for wireless systems, software applications, programming languages
Construction Technology		
Carpentry Certificate only	Associate of Applied Science degree added; real-world projects throughout the curriculum	Business and government joint ventures; latest methods and materials
Diesel Technology (formerly Agri-Diesel and Truck-Diesel Technology)		
Certificate only	Associate of Applied Science degree added; New combined Diesel Technology curriculum featuring a common Mechanics Core to broaden the training of our graduates	Diesel and Heavy Duty Equipment Upgrades
Electronics Technology (formerly Industrial Electronics)		
Industrial electronics	GPS class, Bio- Med option added	Latest transmission and electrical equipment in connection with the science and computer industries

Changing Times

What We Were in 1995...	Who We Are in 2005...	Where We Are Headed...
Fire and Rescue		
Not available	Joint program in Missoula and Helena	Latest equipment to demonstrate new methods
Metals Technology (Machine Tool and Welding Technology)		
Certificate only	Associate of Applied Science added; CNC lathes, CAD-CAM software	Latest equipment to demonstrate new processes
Office Technology (and Assistant)		
Emphasis on data entry using software such as Lotus 1-2-3, WordPerfect, dBase	Emphasis on managing information, such as for the medical, business, and legal environments.	Latest equipment including hand-held computers, interactive whiteboards for presentations, digital cameras. Special attention to managing information for the health care industry
Practical Nursing		
Certificate only	Associate of Applied Science degree added; expanded curriculum to include additional general education science courses and transfer classes	Proposed RN program
Welding Technology (formerly Combination Welding)		
Certificate only	Associate of Applied Science degree added; curriculum combined with Machine Tool	Business and government joint ventures; latest welding methods and equipment

Who Hires Our Graduates

Our partnerships with businesses occur across Montana and job placement demonstrates the statewide impact of this campus.

- Semitool, Flathead Valley
- Roscoe Steel, Billings
- Golden Sunlight, Whitefish
- Bison Ford, Great Falls
- Horizon Airlines
- Jore Corporation in Ronan
- Summit Aeronautics Group in the Helena Valley
- Stillwater Mine, Nye
- Malmstrom Air Force Base, Great Falls
- R&D Partners, Mountain View Meadow Development, Lewis & Clark and Jefferson County
- Watkins Sheppard Trucking Company, Missoula
- Acorn Technology, Billings
- Northwestern Energy, Butte
- Kenworth Corporation, Missoula
- Qwest
- American Chemet
- MTN Network: Billings, Missoula, Butte, Bozeman, Great Falls, Helena
- Radio stations serving every location in the state
- S&S Machine, Billings
- Crown Parts & Machine, Billings
- Montana Army National Guard
- Billion Chrysler/Plymouth/Dodge, Bozeman
- Big Sky Airlines
- Corporate Air, Billings
- Dick Anderson Construction, Helena
- Benefis Hospital, Great Falls
- St. James Community Hospital, Butte
- Northern Chrysler, Cut Bank
- Jurenka Construction, Helena
- Intermountain Biomedical, Butte
- GE Biomedical, Butte
- Great Falls Tractor
- Torgersons Equipment, Shelby
- Williams Equipment, Missoula
- Bozeman Ford New Holland, Bozeman

The campus has made significant contributions to the state's economy through our graduates, but to continue that effort our facilities will need upgrading and state support for our programs to increase that commitment.

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The Building Renovation

- The last time anything significant was done to the College of Technology, Donaldson Campus, occurred when the building was constructed, around the time Neil Armstrong was walking on the moon. For the Airport (or Poplar) campus it was prior to the Russian launch of the Sputnik satellite.

- The facilities were built to augment high school education and not to serve as an advanced degree granting, college of technology.

- There is presently no real campus, just four separate sites including an elementary school and laboratories at a high school. Each has been added as enrollments and interest in the programs grew. The renovation and construction will create a distinct campus in two locations.

- Because the College is renting some facilities that were never meant to serve as college classrooms or laboratories, the challenges of adapting to inadequate facilities make teaching conditions challenging at best. This situation is neither good for the students we seek to educate, train or retrain, or the businesses that hire our graduates. The campus can greatly contribute to building Montana's economy, but it needs adequate facilities in two targeted locations.

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How Renovation Will Affect The College Of Technology Programs

- Reduce the number of sites from four to two
- Address changes in curriculum that have occurred during the past ten years
- Improve teaching and student learning
- Realign programs to a campus where they fit
- Improve partnership opportunities with Montana businesses

Airport Campus will house:

The Trades Programs
Fire and Rescue
Automotive Technology
Aviation Maintenance Technology
Construction Technology
Diesel Technology
Metals Technology

Donaldson campus will house:

General Education
Practical Nursing
Accounting and Business Technology
Electronics Technology
Office Technology
Students Services and the Learning Center

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