

# Applied Technical Science

Bachelor of Applied Technical Science (BATS)



The Bachelor of Applied Technical Science program (BATS) at Black Hills State University is designed for students with Associate of Applied Science (AAS) degrees who wish to transfer their credits into a bachelor degree. This program will provide you the basic business skills required in management positions or to start a business, as well as supply you with the technical and organizational skills employers demand in today's world. The goals of the curriculum are to:

1. Provide leadership and management knowledge for professionals in technical disciplines
2. Respond to employer demand for employees with both technical and organizational skills
3. Meet the needs of the adult learner for career advancement

## Prepare for your future

The BHSU Bachelor of Applied Technical Science degree program prepares and trains you for today's world. With rapid technological advancements affecting all areas of industry today, employers are seeking individuals with postsecondary degrees.

## Learn from the best

The Applied Technical Science program brings the education to you with classes being offered in Spearfish, Rapid City, Yankton, and Sioux Falls. You will have the opportunity to learn from faculty who have the education and experience to take you to the next level in your technical occupation. Gain a solid education in all areas of business, entrepreneurship, marketing, human resources, humanities, technical project management and communication.

## find your career:

With your degree you can pursue many possible career paths including:

- Manufacturing Supervision
- Industrial Operations
- Construction Supervision
- Business Ownership
- Industrial Sales
- Industrial Supervision
- General Supervision
- and many more..

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## **General Supervision Option** *Available all online or DDN* .....

- 3 BADM 336 Entrepreneurship I
- 3 BADM 344 Managerial Communication
- 3 BADM 350 Legal Environment of Business
- 3 BADM 351 Business Law
- 3 BADM 370 Marketing
- 3 BADM 407 International Business
- 3 BADM 457 Business Ethics
- 3 HRM 417 Human Resource Management
- 3 MIS 325 Management Information Systems
- 3 TECH 342 Lean Management
- 3 TECH 364 Quality Management
- 3 TECH 494 Internship

## **Construction Supervision Option** *Available half online and DDN* .....

- 3 BADM 350 Legal Environment of Business
- 3 BADM 360 Organization and Management
- 3 BADM 370 Marketing
- 3 BADM 438 Entrepreneurship I
- 3 TECH 317 Cost Estimating
- 3 TECH 342 Lean Management
- 3 TECH 364 Quality Management
- 3 TECH 384 Const. Materials & Methods
- 3 TECH 389 Const. Project Management
- 3 TECH 414 Architectural Design Technology
- 3 TECH 492 Internship

## **Manufacturing Supervision Option** *Available half online and DDN* .....

- 3 BADM 336 Entrepreneurship I
- 3 BADM 344 Managerial Communication
- 3 BADM 350 Legal Environment of Business
- 3 BADM 370 Marketing
- 3 TECH 312 CAD Mechanical Drafting I
- 3 TECH 342 Lean Management
- 3 TECH 364 Quality Management
- 3 TECH 416 CAD Mechanical Drafting II
- 3 TECH 441 Computer Aided Manufacturing I
- 3 TECH 445 Computer Aided Manufacturing II
- 3 TECH 492 Internship

**This major requires an associate degree from a Technical Institute.**

## **General Education Requirements** .....

- Gen Ed - Mathematics** *3 semester hours*
- Gen Ed - Social Science** *9 semester hours*
- Gen Ed - Arts & Humanities** *12 semester hours*
- Gen Ed - Natural Science AND Lab** *8 semester hours*
- ENGL 101 - Composition I**
- ENGL 201 - Composition II**
- SPCM 101, OR SPCM 215, OR SPCM 222 Speech**
- WEL 100 - Wellness for Life AND WEL 100L**