

# BACHELOR OF APPLIED SCIENCE

## Take the next step.



**Earn a Bachelor of Applied Science (BAS) online through Boise State University.**

**The BAS complements and builds on your technical associate degree (AAS) and is the perfect next step to advance your career.**



**Complete your degree fully online**



**Full- or part-time options to fit your schedule**



**Maximize your technical education**

*“The BAS program has allowed me to develop different skills and set me up to be a leader and supervisor. It has prepared me for my future.”*

**- Brandon H., Bachelor of Applied Science Student**



BOISE STATE UNIVERSITY

**Contact us for more information:**

[appliedscience@boisestate.edu](mailto:appliedscience@boisestate.edu)

(208) 426-3496

[appliedscience.boisestate.edu](http://appliedscience.boisestate.edu)

# ONLINE TRANSFER GUIDE

## Associate of Applied Science, Computer Aided Design Technology Mechanical Design Option



### 1st Semester

Course Title	Credits
CADT 104M CAD Graphics I Mechanical Applications	2
CADT 106M CAD Graphics II Mechanical Applications	2
CAOT 164 Computer Fundamentals for Technology Programs	1
CAOT 165 Productivity Software for Technology Programs	1
COMM 101 Introduction to Speech Communication	3
ENGL 101 English Composition 1	3
MACH 153 Precision Measuring	1
MCTE 105 Technical Math for Machining and Computer Aided Design Technology (or higher)	3

### 2nd Semester

Course Title	Credits
A TEC 117 Occupational Relations and Job Search	2
CADT 105 Descriptive Geometry	3
CADT 109 Basic Mechanical Design	4
CAOT 166 Living Online for Technology Programs	1
MACH 201 Design for Manufacturing	1
MATH 143 College Algebra (or higher)	3-5

### 3rd Semester

Course Title	Credits
CADT 250 SolidWorks I	2
CADT 252 SolidWorks II	2
CADT 253 Industrial Processes	3
CADT 255 Geometric Dimensioning and Tolerancing	3
ENGL 202 Technical Writing	3
MACH 231 Computers and Machines	3

### 4th Semester

Course Title	Credits
CADT 254 Power Transmission	3
CADT 257 Advanced Mechanical Design	4
CADT 261 Statics and Strengths of Materials	3
AAS Social and Behavioral Ways of Knowing	3
AAS Institutionally Designated	3

## Bachelor of Applied Science, Business Bridge to Career Minor



### 1st Semester

Course Title	Credits
BAS 305 Introduction to the Applied Sciences	1
ENGL 102 Intro to College Writing and Research	3
DLV Visual and Performing Arts	3
DLL Literature and Humanities	3
DLN Natural, Physical, and Applied Science	3
Elective	3

### 2nd Semester

Course Title	Credits
DLN Natural, Physical, and Applied Science w/lab	4
UF 200 Civic and Ethical Foundations	3
BAS 310 Communication in the Applied Sciences	3
BUSBTC 301 Business Foundations 1	3
BUSBTC 302 Business Foundations 2	3

### 3rd Semester

Course Title	Credits
BAS 425 Creating a Culture of Safety	3
BUSBTC 310 Creating Value for People	3
BUSBTC 320 Creating Value for Customers	3
BUSBTC 330 Creating Value through Investment	3
MDS 410 Case Studies in Leadership	3

### 4th Semester

Course Title	Credits
BAS 495 Capstone in the Applied Sciences	3
BUSBTC 410 Business Analysis	3
MDS 420 Globalization	3
MDS 430 Ethics	3
MDS 440 Project Management and Design	3

*\*This is a sample degree pathway.*



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