

## **ASSOCIATE OF APPLIED SCIENCE BUILDING TRADES**

Construction, as in many other occupations, is becoming a field of specialists.

SBC's Building Trades Program follows curriculum guidelines set forth by the Associated General Contractors of America and the National Center for Construction and Education and Research (NCEER).

This program will provide students with the instruction and skills required for entry-level carpenters and remodeling of residential or other light-frame buildings. Coupled with "hands-on" experience work at off-campus construction sites, the curriculums provide the necessary theory as well as instruction in blueprint reading, estimating, safety, and the use of newly developed equipment and materials. Extensive experience is gained in building layout, framing, sheathing, roofing, exterior and interior finishing.

Students who successfully complete the program leave with a solid foundation as entry-level carpenters. Jobs that await them are many as demand are high for motivated individuals here locally and elsewhere with building contractors, lumber yards and maintenance shops.

### **GENERAL EDUCATION REQUIREMENTS**

ENGL 100	Applied English or higher .....	3 cr.
COMM 100	Applied Communications or higher .....	3 cr.
MATH 101	Pre-Algebra or higher.....	3 cr.
PSYC 100	Psychology of Student Success .....	3 cr.
SOC 100	Job Seeking Skills.....	2 cr.
NAS 101	Lakota/Dakota Language I.....	4 cr.
SOC 210	Chemical Dependency I.....	3 cr.
HPR 106	First Aid/CPR.....	2 cr.
CSCI 101	Introduction to Computer Applications .....	3 cr.
<b>Total General Education .....</b>		<b>26 credits</b>

### **CORE REQUIREMENTS**

BTT 101	Technical/Trade Math .....	3 cr.
BTT 105	Framing and Exterior Finishing .....	3 cr.
BTT 111	Fundamentals of Carpentry .....	2 cr.
BTT 115	Construction Practicum I.....	4 cr.
BTT 142	Construction Practicum II.....	4 cr.
BTT 162	Interior Construction.....	2 cr.
BTT 201	Concrete Technology.....	1 cr.
BTT 215	Construction Practicum III.....	4 cr.
BTT 222	Construction Estimating .....	2 cr.
BTT 232	Energy-Efficient Construction .....	1 cr.
BTT 242	Construction Practicum IV .....	4 cr.
BTT 251	Architectural Drafting .....	4 cr.
BTT 262	Interior Finishing .....	3 cr.
<b>Total Core Requirements .....</b>		<b>37 credits</b>

**TOTAL DEGREE REQUIREMENTS .....63 CREDITS**