



certificate in building construction technology: green building concentration

EFFICIENT

Green building is the practice of construction that minimizes the impact on the natural environment while making buildings more energy efficient and healthier for humans.

This certificate is designed to provide students with an overview of the trends and techniques used in the green building industry. Classroom lectures and laboratory exercises will provide hands-on experience in the design, construction, and certification of green buildings. Course work focuses on green construction practices, computer assisted design work, blue-print reading, building codes, energy efficiency, and sustainable site development. Individuals in this program should have an interest in building construction, conservation of natural resources, and in working with the public and professionals from many fields.

Green construction has gained in importance with the rise in energy costs and the desire to conserve natural resources. Graduates should be able to find employment in a wide

variety of fields related to the green building industry. These positions include work with organizations such as construction companies, green building accredited professionals, designers, architects, engineers, land developers, weatherization professionals, energy auditors, home energy raters, affordable housing developers, and governmental agencies.

Green building is a way to make better use of natural resources and is more cost effective in the long run. To be most effective, green thinking must be incorporated with the use of green materials.

For more information, contact 828.627.4631 or visit the website at www.haywood.edu on the Internet. .



FIRST YEAR

Fall Semester I

AHR 211 Residential System Design

CST 231 Soil and Site Work

CST 244 Sustainable Building Design

Spring Semester I

ENV 110 Environmental Science

Summer Semester I

MAT 120 Geometry and Trig

