White River HS logo

Engineering, Construction & Manufacturing

Plan ★ Build ★ Manage

CAREER EXPLORATION

Will I like this Career Field?

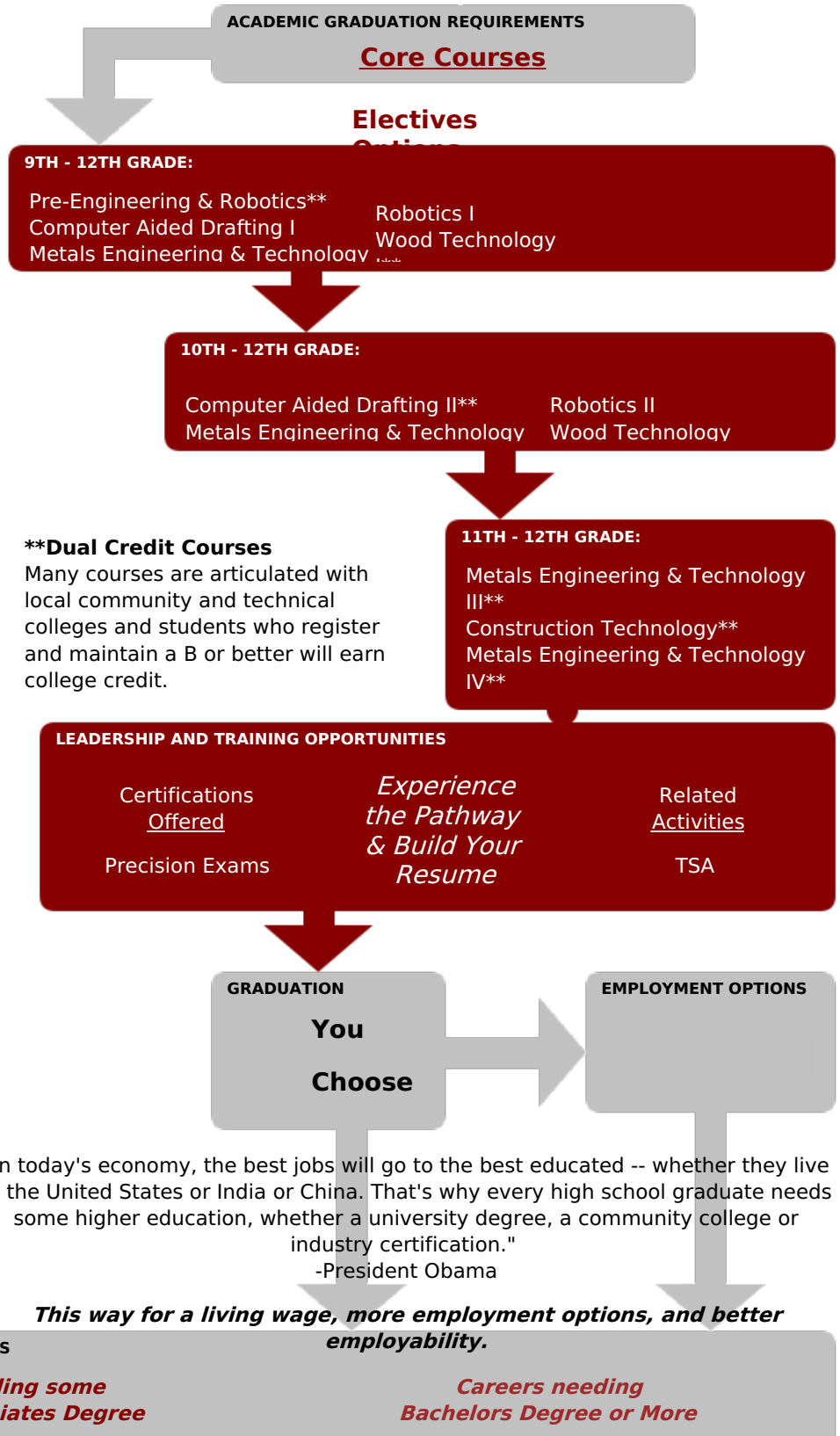Do you dream of designing, planning, managing, building, or maintaining structures where we live, work, and play?

Do you care about the quality of material and workmanship?

Are you interested in how products and machines come together?

See an Advisor to get a code for:

Other Resources:

Explore Your Future in this Pathway:

ACADEMIC GRADUATION REQUIREMENTS

Core Courses

Electives Options

9TH - 12TH GRADE:

Pre-Engineering & Robotics**
Computer Aided Drafting I
Metals Engineering & Technology ...

Robotics I
Wood Technology

10TH - 12TH GRADE:

Computer Aided Drafting II**
Metals Engineering & Technology

Robotics II
Wood Technology

11TH - 12TH GRADE:

Metals Engineering & Technology III**
Construction Technology**
Metals Engineering & Technology IV**

**Dual Credit Courses
Many courses are articulated with local community and technical colleges and students who register and maintain a B or better will earn college credit.

LEADERSHIP AND TRAINING OPPORTUNITIES

Certifications
Offered

Precision Exams

Experience the Pathway & Build Your Resume

Related
Activities

TSA

GRADUATION

You

Choose

EMPLOYMENT OPTIONS

"In today's economy, the best jobs will go to the best educated -- whether they live in the United States or India or China. That's why every high school graduate needs some higher education, whether a university degree, a community college or industry certification."
-President Obama

This way for a living wage, more employment options, and better employability.

LOCAL 2 AND 4 YEAR EDUCATION OPTIONS

Careers needing some College or Associates Degree

Careers needing Bachelors Degree or More

Drafter Construction Worker Machine Operator	Engineering Technician Engineering Technologist	Engineer Architect	Computer Scientist
Technical Colleges	**2 Year Colleges**	**Public 4 Year**	**Private 4 Year**