

# Nederland Middle-Senior High School

## CTE Programs of Study

### **1. Resource Conservation and Environmental Science**

- a. Courses (3 Year rollout)
  - i. Introduction to Forestry management
  - ii. Introduction to Fish and Wildlife Management
  - iii. Environmental Systems Water A&B
  - iv. Introduction to Natural Resource Management A&B
  - v. AP Environmental Science A&B
  - vi. Weather Forecasting for Outdoor Professionals
  - vii. Snow Science
  - viii. Wilderness First-Aid / CPR / Health
  - ix. Outdoor Leadership
  - x. Landscape Construction and Maintenance

### **2. Computer Science**

- a. Courses (3 year rollout)
  - i. Introduction to Programming
  - ii. Introduction to Web Design
  - iii. AP Computer Science A&B
  - iv. Cyber Security 1 A&B
  - v. Mobile App Development
  - vi. Game Design

### **3. Business and Entrepreneurship**

- a. Courses (3 year rollout)
  - i. Business Foundations
  - ii. Principles of Finance
  - iii. Social Media for Business
  - iv. School-Based Enterprise Retail
  - v. Leadership
  - vi. Entrepreneurship

### **4. Outdoor Leadership**

- a. Courses (3 year rollout)
  - i. Wilderness First-Aid / CPR / Health
  - ii. Outdoor Recreation A&B
  - iii. Rock Climbing
  - iv. Mountain Biking
  - v. Outdoor Leadership
  - vi. Wilderness Ethics
  - vii. Wilderness First Responder
  - viii. Backcountry Navigation
  - ix. Backcountry Cooking
  - x. Wilderness Survival
  - xi. Backpacking
  - xii. Weather Forecasting for Outdoor Professionals
  - xiii. Snow Science

- xiv. Landscape Construction and Maintenance
- xv. Business Foundations
- xvi. Entrepreneurship

## **5. Engineering and Construction**

- a. Courses (3 year rollout)
  - i. Design Tech 1
  - ii. Architecture (Building Modeling)
  - iii. Construction Technology (for Geo in Construction)
  - iv. Building Materials
  - v. Sustainable Building Systems
  - vi. Heavy Equipment Operator
  - vii. Work-based learning