Why End of Pathway Assessments?
End of Pathway Assessments

- Establish Validity of Assessments
  - Building Level Administration and Board of Education
    - The need for students to become proficient in program areas is essential- Student retention in school
  - Teachers
    - Certification is a mark of excellence- It adds credibility to the program
  - Students/Parents
    - Certification is an investment into their career- It qualifies students for higher paying jobs
  - Community
    - By investing in the future of the students it prepares them for industry standards
End of Pathway Assessments

• Establish Validity for Assessments
  • Building Level Administration and Board of Education
    • The need for students to become proficient in program areas are essential- Student retention in school
    • Berrien High School has developed small learning communities centered around ALL CTAE Program areas
  • Teachers
    • Certification is a mark of excellence- It adds credibility to the program
    • Teachers now use this as a recruitment tool for gaining additional students into their programs
  • Students/Parents
    • Certification is an investment into their career- It qualifies students for higher paying jobs
    • Students can now be more competitive in the job market.
  • Community
    • The community will help invest in the future of the students while preparing them for industry standards
    • Berrien County Rotary and Chamber of Commerce funded over 50% of the 2011-12 EOPA’s
End of Pathway Assessments

- Cross Reference Curriculum Maps
  - Review Blueprints for Assessments and standards for classes in pathway
  - Rewrite Curriculum maps to reflect the blueprints of each assessment.
    - Example- NOCTI Assessment
      - Ag Mechanics
Ag Mechanics EOPA

- Safety: 7%
- Welding and Mechanics: 15%
- Power and Machinery: 27%
- Electrical Power and Process: 11%
- Agricultural Structures: 15%
- Agribusiness: 11%
- Environmental and Natural Resource Systems: 9%
- Careers in Agriculture Mechanics: 5%
## Agricultural Mechanics 1

### Unit Themes

- **Unit Five Focus:** Small Engine Safety
  - Estimated Time: 1 week

#### Unit Six Focus:

- **Small Engine Tool & Materials ID**
  - Estimated Time: 1 week

#### Unit Seven Focus:

- **Small Engine Labs**
  - Estimated Time: 3 ½ weeks

#### Unit Eight Focus:

- **Careers**
  - Estimated Time: ½ week

### Unit Themes

1. Identify tools commonly used in the small engine industry.
2. Demonstrate the proper use of mechanics’ tools.
3. Identify all parts internal and external of a small engine.
4. Identify proper function of each small engine part.

1. Effectively disassemble a small engine and correctly label each part.
2. Demonstrate the proper technique for reassembling the engine, including proper torque specifications.

1. Describe 10 careers in the woodworking industry.
2. Explain requirements necessary to secure a job in the woodworking industry.
3. Describe the job entry employment opportunities available in small engines.
4. Research the technical occupations available in small engines.
End of Pathway Assessments

• Review Sessions
  • Each program area schedules review sessions for practice exams and review of standards/blueprints.
    • Some are all day review sessions; others are only during the class blocks.
    • IMPORTANT- Make the review sessions known to EVERYONE
      o Even if review sessions are during your regular blocks- Keep the terminology out front!
        Submit to BOE and to all teachers so they will have a schedule
Administrative Information Support Pathway

November 28 through December 12 - Certi-prep Training 2nd Block Room 308
December 13 - End of Pathway Online Assessment- 2nd Block Room 308

Agriculture Mechanics Pathway

December 17 - NOCTI Ag Mechanics Review Session
  • Students will meet in Ag Science Lab to divide up into groups
  • Group 1 Ag Mechanics II & III Review - Room 410
  • Group 2 Ag Mechanics I Review - Room 408
  • Groups will rotate between content areas at 11:30

December 18 - Agriculture Mechanics End of Pathway Assessment Room 403

Therapeutic Services Pathway

November 16 - Certified Nursing Assistant Pre- Test during class
December 18 - Certified Nursing Assistant Test Room 401 8:00- until

Nutrition and Food Science Pathway

December 10 - Nutrition and Food Science Review during class
December 11 - Nutrition and Food Science Test Room 306 3rd Block

Small Business Development Pathway

December 07 - Small Business Development Review 3rd Block
December 10 - Small Business Development Test Room 304 3rd Block
Bulletin Boards

EOCT ~ EOCT
IT’S “SNOW” PROBLEM!
BCHS
BUILDING A STRONG FOUNDATION
FOR OUR FUTURE
Pathway Project  Career Ready  Literacy  ELT  Relevance  Math
Work-Based Learning  Food Science  Business  Relationships  Rigor  Writing  College Ready
Nutrition  Computer Science  Law and Justice  Video Production  Science  Language Arts  Social Studies
BUSINESS AND COMPUTER SCIENCES

FBLA Week
Feb 11-16
State Leadership
March 14-16
Atlanta, GA

$60 Registration
Due Feb 1, 2013

Small Business
Business Essentials
Legal Environment of Business
Entrepreneurship

Business Education
Administrative
Computer Applications

Families and Consumer Sciences

FACB BOOK

Class Time
A Better You
Feb 20, 2013

Syllabus is Due Jan 18

Coming Soon
Serve Safe Certification

News Here....

NEW MEMBERS
$15 Due by Jan 31

Day at the Capitol
Salute to the Senior

State officer Candidate!!!
Megan Guthrie

Deposit for Summer Camp
$10 Due Feb 21

Star Events Coming Soon
Berrien High School

Is hereby granted authorization to offer Certiport exams and is an approved
Certiport Authorized Testing Center

Ray Kelly
CEO, Certiport, Inc.
February 4, 2013
American Welding Society

By authority of the Board of Directors

Berrien County High School

is hereby designated

Educational Institution Member

of the American Welding Society, founded in 1919 to advance the science, technology and application of welding and allied processes including joining, brazing, soldering, cutting and thermal spray.

William S. Sieck
AWS PRESIDENT

Ray Whitaker
EXECUTIVE DIRECTOR
Written Assessment
Number of Questions: 183
Areas Covered:
- Safety: 7%
- Welding and Mechanics: 15%
- Power and Machinery: 27%
- Electrical Power and Process: 11%
- Agricultural Structures: 15%
- Agribusiness: 11%
- Environmental and Natural Resource Systems: 9%
- Careers in Agriculture Mechanics: 3%

Count Down to NOCTI...
Days Left!

Performance Assessment
- Number of Jobs: 6
- Covered:
  - Horizontal Square Groove Butt Weld - SMAW: 20%
  - Oxyacetylene Cutting: 12%
  - Troubleshoot and Diagnose a Gas Engine: 16%
  - Install a Switch to Control a Light: 19%
  - Mark a Common Rafter: 11%
  - Set-up and Instrument Leveling of the Farm Level: 11%

How will I benefit from taking a NOCTI assessment?
• Demonstrate your knowledge and skills - show what you know!
• Learn about your strengths and areas that need improvement
• Receive a score report and certificate of completion for your portfolio
• Prepare for further education or a career
• Gain feedback before taking expensive certification/licensure exams
End of Pathway Assessments

• Core Academic teachers collaborate with CTAE teachers in Academy Meetings.
  • Agricultural and Medical Biosciences Academy (A&M Academy)
    • Works with Ag and Healthcare Pathways
  • Business, Communication, and Human Services (BCHS Academy)
    • Works with Business, BVP, FCS and Criminal Justice
EOPA Data

- Some testing agencies provide data on testing group
  - Get teachers together and use the data to make the assessment program stronger
    - NOCTI - Ag Mechanics
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<th>Duty Description</th>
<th>N=</th>
<th>Group</th>
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<th>State&lt;sup&gt;2&lt;/sup&gt;</th>
<th>Nation</th>
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### Written - Cognitive

- Nation
- State
- Site
- Group
## Task Linked Report

### Multiple Choice Assessment

#### Items Correct by Participant

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<th>Average Correct</th>
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<td>2. Demonstrate Knowledge of Basic Emergency Procedures</td>
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<td>3. Demonstrate Knowledge of Equipment Safety Systems and Consumer Liability</td>
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<td>4. Demonstrate Structural and Environmental Safety</td>
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<td>11. Exhibit Knowledge and Proficiency of Engine System</td>
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<td>15. Identify and Analyze Machines and Equipment</td>
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</table>
Study Apps for Smart Phones

- CNA study link
- QR codes given to students
Study Apps for Smart Phones

- Ag Mechanics study link
- QR codes given to students
Ag Mechanics EOPA Study App

Welcome to the Berrien FFA Ag Mech End of Pathway Assessment Review page! The information found here will allow you to take online practice assessments and guide you to earning an industry recognized credential. Simply click on a link below to get started!

- About the Ag Mech...
- Practice EOPA Test
- Berrien CTAE Link
Ag Mechanics EOPA Study App
Ag Mechanics EOPA Study App
Practice EOPA's

Want to try your knowledge at some sample questions for your End of Pathway Assessment from NOCTI? If so, simply click on the sample test topics below to get started and submit your answers - it's instant grading!

- Safety
- Welding and Mechanics
- Power and Machinery
- Electrical Power and Process
- Agricultural Structures
- Environmental and Natural Resources
Ag Mechanics EOPA Study App

True False
Indicate whether the sentence or statement is true or false:

1. When assessing the value of information, date, legal accuracy, and availability.
2. Voting, showing patriotism, observance of others are examples of good criticism.
3. Supervised Education (SE) is the practice of students to practice what they have learned in a laboratory.
4. The SMV emblem is a 12-inch-high, red and white border.
5. Many of the power tools used in agriculture require operators to use hearing protection.
24. List six types of businesses or organizations that might need agricultural mechanics and related services.

25. List five general employer expectations for agricultural mechanics.
Ag Mechanics EOPA Study App

**True/False**
Indicate whether the sentence or statement is true or false.

1. When assessing the value of information, you should consider its source, data accuracy, and availability, among other factors.

   **ANSWER:** T
   **REF:**

2. Voting, showing patriotism, observing law, and supporting the well-being of the community are examples of good citizenship.

   **ANSWER:** T
Welcome to the Berrien FFA Ag Mech End of Pathway Assessment Review page! The information found here will allow you to take online practice assessments and guide you to earning an industry recognized credential. Simply click on a link below to get started!
Ag Mechanics EOPA Study App

www.berriencctae.org
Ag Mechanics EOPA Study App

www.berriencatae.org
Ag Mechanics EOPA Study App

www.berrienctae.org
Berrien High School EOPA Pass Rate

- 2010-11: 84%
- 2011-12: 64%
- 2012-13: 80%
Don’t ask if it is going to be easy. Ask if it’s going to be worth it.

- Michael Josephson