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# Related Professions Offered Within CTE Programs

## Agriscience / Horticulture

- Veterinarian
- Veterinary Technician
- Agricultural
- Florist
- Animal Nutritionist
- Agronomist
- Pet Groomer
- Landscaper
- Greenhouse grower
- Wildlife Biologist

## Automotive Mechanics

- Specialized Technician
- Service Manager
- General Technician
- Tire & Lube Technician

## Collision Repair

- Body Shop Manager
- Insurance Adjustor
- Estimator
- Detailer
- Body Technician
- Painter

## Computer Aided Design (CAD)

- Architecture
- Commercial & Industrial Designer
- Animation
- Engineering
- Interior Design
- Business

## Computer Networking

- Network Administrator
- Systems Engineer
- Network Analyst
- IT Technician
- Computer Support Specialist

## Construction Technology I

- Construction Manager
- Carpenter
- Brick Mason
- Building Inspector
- Drywall Installer
- Roofer

## Cosmetology

- Massage Therapist
- Skin Care Specialist
- Barber
- Cosmetologist
- Beauty Supply distributor
- Manicurist

## Culinary Arts

- Executive Chef
- Sous Chef
- Restaurant Owner
- Pastry Chef
- Baker
- Entrepreneur
- Garde Manger Chef

## Diesel Technology

- Diesel Technician
- Field Technician
- Parts / Service Manager
- Truck Driver
- Mechanic Helper

## Digital Media Arts

- Videographer/Editor
- Audio Producer
- Graphic Designer
- Illustrator
- Web Designer
- Photographer

## Early Childhood

- Special Education Teacher
- Daycare Worker / Owner
- Elementary Education
- Preschool / Early Childhood Education
- Social Worker

## Electronics

- Electronics Technician
- Sound Technician
- Alarms Service Technician
- Electrical Accessories Assembler

## Health Occupations

- Doctor
- Physical Therapist
- Nurse
- X-Ray Technician
- Dental Assistant
- Nurse Aide

## Health Occupations-Advanced

- Biomedical Engineer
- Dental Assistant
- Dental Hygienist
- Dental Lab Technician
- Lic. Practical Nurse (LPN)
- Medical Assistant
- Medical Records Technician
- Occupational Assistant
- Paramedic
- Physical Therapy Assistant
- Radiology Technician
- Registered Nurse (ADN)
- Respiratory Technician
- Surgical Technician
- Veterinary Technician

## Public Safety / Protective Services

- Fire Fighter
- Homeland Security
- Emergency Medical Services (EMS)
- Corrections Officer
- 911 Dispatcher
- Paramedic
- Security Professional

## Recreational Vehicle Repair

- Marine Technician
- Powersports Mechanic
- Power Equipment Mechanic
- Fleet Mechanic
- Parts Salesman

## Residential Electrical, Plumbing & HVAC

- Electrician
- Journeyman Plumber
- Journeyman HVAC

## Sales & Marketing

- Sales Representative
- Financial Planner
- Entrepreneur
- Public Relations
- Management

## Welding & Machining Technology


- Welding Engineer
- Manufacturing Engineer
- CNC Operator/Programmer
- Fabricator
- Machinist
- MIG or TIG Welder

# College Credit Earned Through CTE Programs

## Direct College Credit

The following series of courses will be offered at the Lapeer County Education and Technology Center by UM-Flint faculty. Students who participate in this program will be dual-enrolled in their home high schools and University of Michigan-Flint. Credit earned will be recorded on official UM-Flint transcripts as regular UM-Flint Courses. Credits earned will be applicable to degree programs at UM-Flint and other institutions.

Program	Pre-Engineering	Health Occupations-Advanced
Courses / Credits Offered	Fall <ul style="list-style-type: none"> <li>➤ EGR 165: Computer Aided Design (3 Cr.)</li> <li>➤ CSC 122: Introduction to Programming in the BASIC Language (2 Cr.)</li> </ul> Winter <ul style="list-style-type: none"> <li>➤ CSC 175: Problem Solving and Programming 1 (4 Cr.)</li> <li>➤ EGR 102: Introduction to Engineering (3 Cr.)</li> </ul> <p style="text-align: right;">12 total credits offered</p>	Fall <ul style="list-style-type: none"> <li>➤ AHLT-113: Multi-Cultural Health Care (1 Cr.) Mott Community College</li> </ul> Winter <ul style="list-style-type: none"> <li>➤ HCR 201: Intro to Health Careers (1 Cr.) U of M Flint</li> </ul> <p style="text-align: right;">2 credits offered</p>
Enrollment Information	21 students } <ul style="list-style-type: none"> <li>3 Almont</li> <li>2 Dryden</li> <li>2 Imlay City</li> <li>4 Lapeer East</li> <li>5 Lapeer West</li> <li>0 Lapeer Community</li> <li>4 North Branch</li> <li>1 Home School</li> </ul>	27 students } <ul style="list-style-type: none"> <li>2 Almont</li> <li>0 Dryden</li> <li>4 Imlay City</li> <li>4 Lapeer East</li> <li>10 Lapeer West</li> <li>1 Lapeer Community</li> <li>6 North Branch</li> <li>0 Home School</li> </ul>


  
 Direct Credits awarded to CTE students!

## Articulation Credit

Students have the opportunity to earn college credits while completing their program at Lapeer County Education and Technology Center. All of our instructors have agreements with local and state colleges and universities. Upon successful completion of the program and approval, students can enter college with credits earned.

<b>Program</b>	<b>College / University</b>	<b>Credits</b>
<b>Agriscience / Horticulture</b>		
	Davenport University*	Up to 33
	Ferris State University	7
<b>Automotive Mechanics</b>		
	Davenport University*	Up to 30
	Delta College	Up to 15
	University of Northwestern Ohio	12
	Ohio Technical School	Up to 12
	Mott Community College	4 to 20
<b>Collision Repair</b>		
	Davenport University*	Up to 30
	Ohio Technical School	Up to 12
	Mott Community College	6
<b>Computer Aided Design (CAD)</b>		
	Ferris State University	9
	Delta College	Up to 17
	Oakland Community College	10
	Mott Community College	3 to 6
	Davenport University*	Up to 30
	Baker College	8
<b>Computer Networking</b>		
	Baker College	12
	Delta College	Up to 13
	Mott Community College	6
	Davenport University*	Up to 33
	Ferris State University	12
	Eastern Michigan University	Up to 15
<b>Construction Technology</b>		
	Oakland Community College	10
	Mott Community College	4
	Davenport University*	Up to 30
	Ferris State University	3
	Delta College	7

<b>Program</b>	<b>College / University</b>	<b>Credits</b>
<b>Cosmetology</b>		
	Davenport University*	Up to 36
<b>Culinary Arts</b>		
	Baker College of Muskegon Mott Community College Davenport University* Ferris State University	8 1 to 6 Up to 24 9
<b>Diesel Technology</b>		
	Davenport University* Baker College University of Northwestern Ohio	Up to 30
<b>Digital Media Arts</b>		
	Baker College Macomb Community College Lansing Community College Lawrence Tech University Davenport University* Ferris State University	16 Up to 12 4 credits Up to 6 Up to 28 45
<b>Early Childhood</b>		
	Davenport University* Baker College Mott Community College	Up to 30 Up to 16 6
<b>Electronics</b>		
	Davenport University* Mott Community College	Up to 30 3 to 9
<b>Health Occupations</b>		
	Baker College Davenport University* Mott Community College Oakland Community College Ferris State University University of Michigan Flint	8 Up to 38 1 7 2 3
<b>Health Occupations – Advanced</b>		
	Davenport University* Baker College Ferris State University Mott Community College Oakland Community College U of M Flint	Up to 38  2 1 3 4

Program	College / University	Credits
<b>Public Safety / Protective Services</b>		
	Ferris State University	3
	Lake Superior State University	3
	St. Clair County Community College	3
	Macomb Community College	3
	Mott Community College	3
	Davenport University*	3
<b>Recreational Vehicle Repair</b>		
	Delta College	3
	Davenport University*	Up to 30
<b>Residential Electrical Plumbing &amp; HVAC</b>		
	Oakland Community College	11
	University of Northwestern Ohio	6
	Davenport University*	Up to 30
	Mott Community College	3
	Ferris State University	13
<b>Sales &amp; Marketing</b>		
	Ferris State University	3
	Mott Community College	Up to 11
	Davenport University*	Up to 30
	Delta College	12
<b>Welding &amp; Machining Technology</b>		
	Ferris State University	7
	Delta College	Up to 11
	Mott Community College	3
	Davenport University*	Up to 30

\* Career and technical education students who attend Davenport University could enter with 30 or more credits toward a degree. The statewide articulation agreement between the Michigan Department of Education and Davenport is the first of its kind. Although there are many regional agreements with community colleges and select four year public institutions, this agreement is unique because it is available to any student in Michigan and the credits are awarded in bachelor degree programs.

## Credentialing

### Agriscience / Horticulture

- Artificial Insemination Technician
- Michigan Certified Florist-Student – Michigan Floral Association
- Michigan Nursery – Student-Landscape Association
- Pesticide Application Certification

### Automotive Mechanics

- State of Michigan Mechanic Certification: Brakes
- State of Michigan Mechanic Certification: Steering & Suspension
- State of Michigan Mechanic Certification: Electrical
- State of Michigan Mechanic Certification: Engine Repair

## Collision Repair

- SP2 Safety, I-Car Welding
- ASE
- State of Michigan Mechanic Certification: Collision Mechanical
- State of Michigan Mechanic Certification: Unitized Body Repair

## Computer Aided Design (CAD)

- SolidWorks Certification

## Computer Networking

- Industry Credentials Prep of CompTIA A+
- Industry Credentials Prep of CCENT
- Industry Credentials Prep of Cisco CCNA
- OSHA Career Safe Certification

## Construction Technology

- Heavy Equipment Operators License
- Builders License
- OSHA Career Safe Certification

## Cosmetology

- State of Michigan License

## Culinary Arts

- ServSafe Certification

## Diesel Technology

- SP2 Safety Certification
- Michigan Mechanic License
- CVSA Air Brake Certification

## Digital Media Arts

- Adobe Certified Expert (ACE)
- Adobe Certified Associate
- CIW Site Design Specialist

## Early Childhood

- CPR / First Aid
- Federal Child Development Associate Credential (CDA)

## Electronics

- MECP-Mobile Electronics Certified Professional
- NICET-National Institute for Certification in Engineering Technologies

## Health Occupations

- Certified Nursing Assistant
- American Heart Association First Aid/CPR Certification

## Health Occupations - Advanced

- Medical Assisting Career Diploma
- Dental Assisting Career Diploma
- Phlebotomy Certification
- Optician Career Diploma
- Occupational Therapy Aide Career Diploma
- Physical Therapy Aide Career Diploma
- Pharmacy Technician Certificate

## Public Safety / Protective Services

- First Aid/CPR Certification
- Certified Emergency Dispatcher
- Community Emergency Response Team
- OSHA Career Safe Certification
- Medical First Responder Certification

## Recreational Vehicle Repair

- EETC Technician Certification (4-Stroke, 2-Stroke, Electrical)
- State of Michigan Master Motorcycle Mechanic

## Residential Electrical, Plumbing & HVAC

- HVAC Core: Refrigerant and Recovery
- Career Safe
- OSHA Career Safe Certification

## Sales & Marketing

- ASK Institute Online Certification Test

## Welding & Machining

- American Welding Society Welder's Industry Certification
- OSHA Career Safe Certification

# Worksite Instruction Experiences

189 work-based education opportunities were provided to CTE students

## Job Shadowing

Job Shadowing is a worksite career exploration activity that allows students to spend one or two days at a business observing or shadowing an employee while he/she performs a specific job.

- 46 Job shadow experiences
- 25 Students participated
- 6 Total local business partners

### Unique Worksite Opportunities

Over 40 jobs offered to students post graduation  
2 students accepted into a DTE Energy Summer Internship

## Unpaid Work Experience

Unpaid work experience is a short-term opportunity that allows students to observe and perform occupational skills under the direct supervision of an experienced mentor at a local business.

- 108 unpaid work experiences
- 80 Students participated
- 2,572 total hours of unpaid work experience
- 56 total business partners

### Special Needs Worksite Opportunities

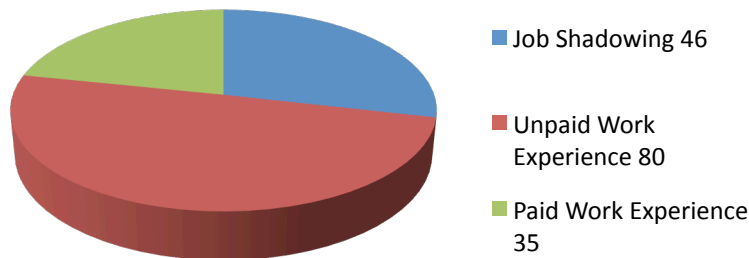
22 Students participated in CTE experiences  
7 Students participated in Job Shadowing  
43 Students in special education worksites (Teamwork, Growth & Opportunity)

## Paid work experience

Paid work experience allows students to build and expand on classroom skills by working in the occupation at a local business. With supervision, paid work experience students independently complete job duties and training tasks, thus making them an asset to the employer.

- 35 Paid work experience
- 35 Students participated
- 2,460 Total hours of paid work experience
- 22 total business partners
- Wage range: \$7.40/hour - \$12.00/hour

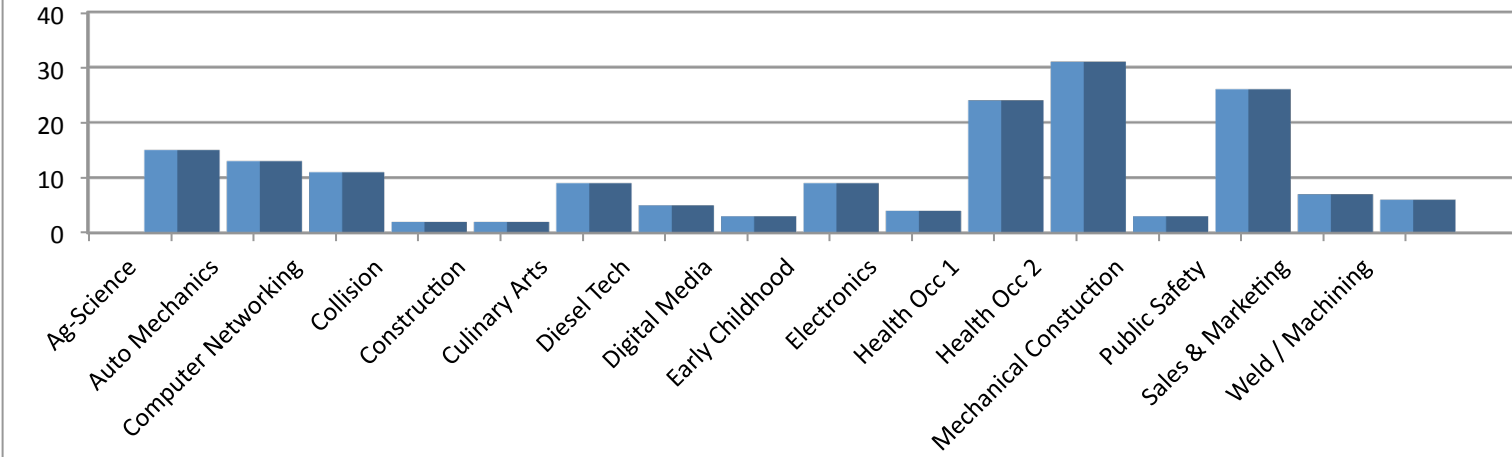
**Number of Business Partners**



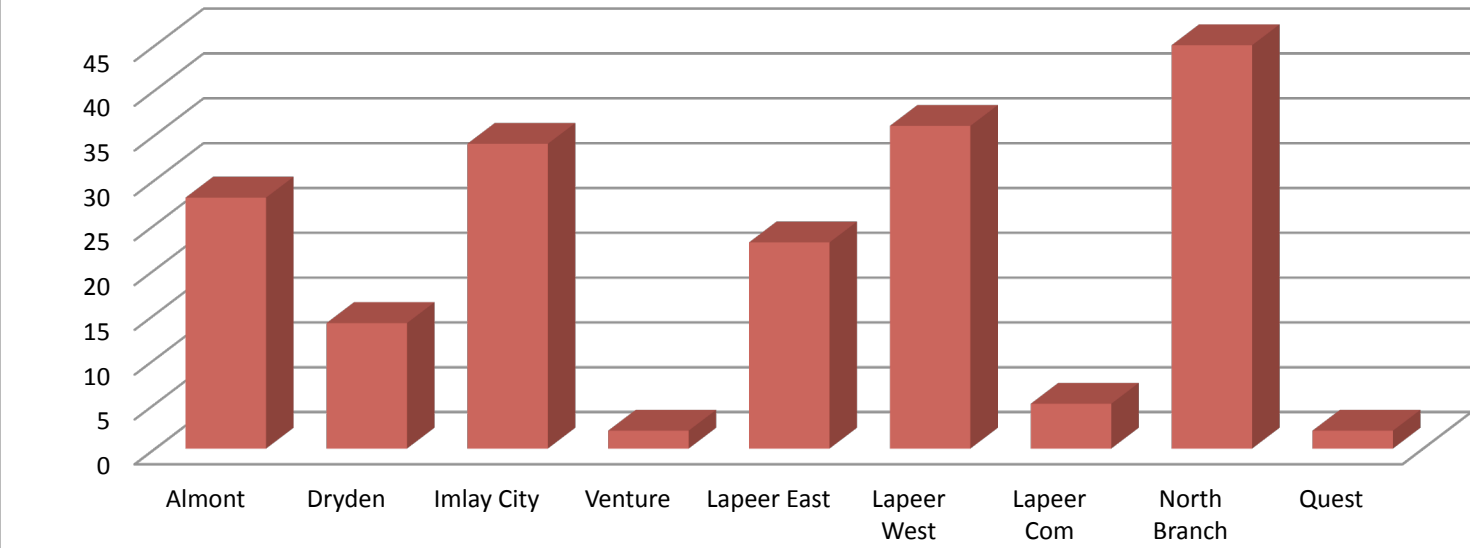
**Total Hours**



### Work Based Learning by Program



### Work Based Learning by School



# Alignment of CTE Programs with Michigan Math Content Expectations

Completed April 16, 2010

Program	Number of Math 6 – 8 GLCE <sup>1</sup>	Number of Math HSCE <sup>2</sup>	Total
Agriscience / Horticulture	14	6	20
Automotive Mechanics	10	6	16
Construction Technology	9	11	20
CAD <sup>3</sup>	16	20	36
Collision Repair	7	7	14
Computer Networking <sup>4</sup>	1	8	9
Cosmetology	15	2	17
Culinary Arts	14	2	16
Diesel Technology	7	6	13
Digital Media Arts	6	5	11
Early Childhood <sup>5</sup>	16	14	30
Electronics	16	8	24
Health Occupations	14	4	18
Machining Technology <sup>6</sup>	8	10	18
Residential Electrical, Plumbing & HVAC	18	13	31
Public Safety / Protective Services	13	4	17
Recreational Vehicle Repair	8	4	12
Sales and Marketing	5	6	11
Welding Technology	9	6	15

That's

348

Michigan Content Expectations Covered in CTE!

<sup>1</sup> GLCE = Grade Level Content Expectations

<sup>2</sup> HSCE = High School Content Expectations

<sup>3</sup> HSCE do not include expectations involving polar coordinates

<sup>4</sup> HSCE do not include expectations addressing binary operations or encryption

<sup>5</sup> Students are expected to teach early level GLCEs

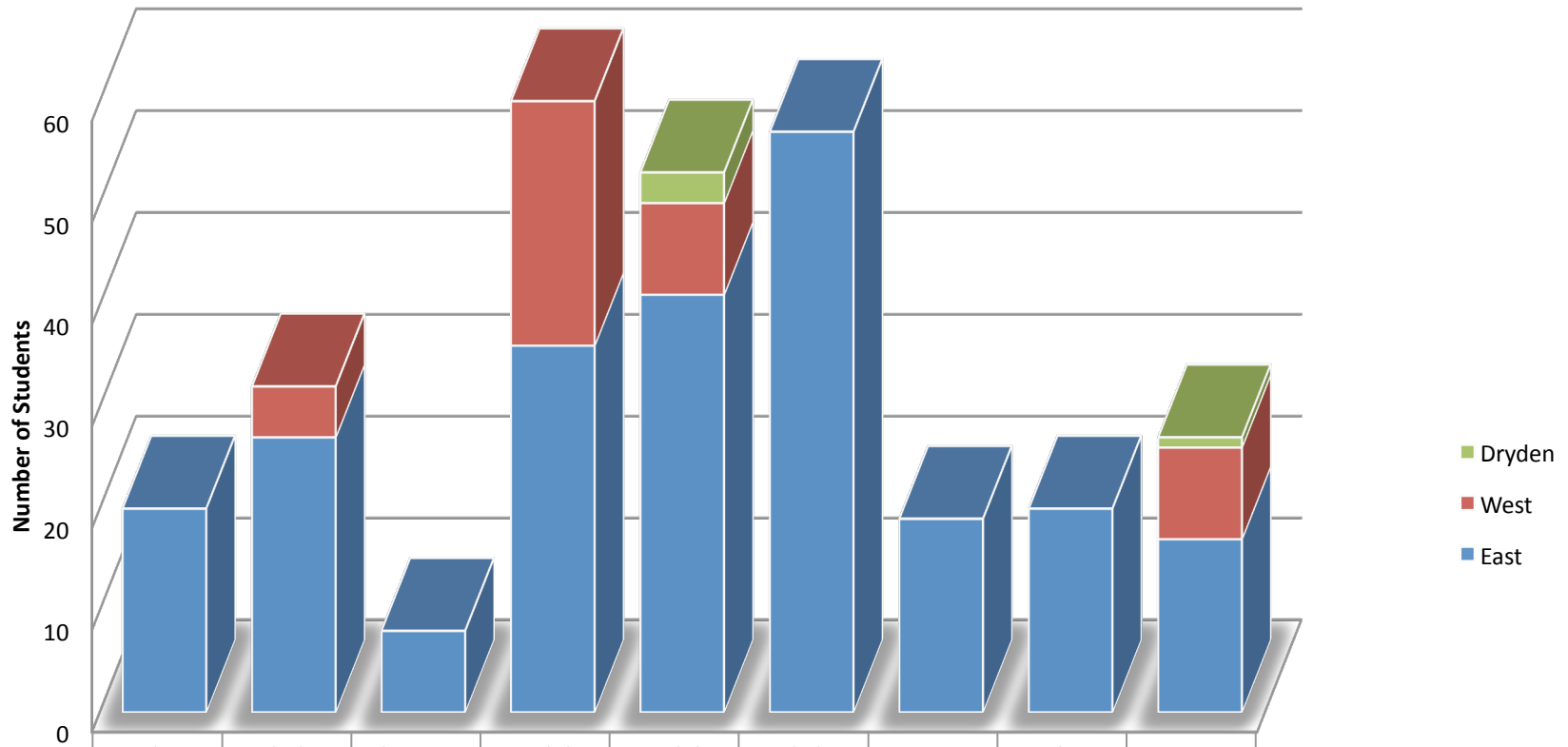
<sup>6</sup> HSCE do not include expectations requiring 3-D graphing

# Career Assessments

Assessment	Description	Participating Population	Results																																										
CareerScope	A computer- based assessment that uses information entered from the participant to create career and /or educational planning suggestions. It measures interest and aptitude in various employability areas. Results are used by local high schools to help place future students in CTE programs.	*Percentage calculated on total population assessed. More than one career field may have been recommended per student	<p style="text-align: center;"><b>2011 Counselor Recommendations*</b></p> <table border="1"> <caption>2011 Counselor Recommendations Data</caption> <thead> <tr> <th>Career Field</th> <th>Percentage</th> </tr> </thead> <tbody> <tr><td>Agriscience</td><td>14.5%</td></tr> <tr><td>Auto mech</td><td>2.0%</td></tr> <tr><td>CAD</td><td>2.0%</td></tr> <tr><td>Collision</td><td>4.0%</td></tr> <tr><td>Computer</td><td>2.0%</td></tr> <tr><td>Constructio</td><td>2.0%</td></tr> <tr><td>Cosmetolog</td><td>8.5%</td></tr> <tr><td>Culinary</td><td>9.5%</td></tr> <tr><td>Diesel Tech</td><td>7.0%</td></tr> <tr><td>Digital</td><td>8.5%</td></tr> <tr><td>Early</td><td>2.0%</td></tr> <tr><td>Electronics</td><td>4.5%</td></tr> <tr><td>Health</td><td>2.0%</td></tr> <tr><td>HVAC</td><td>8.5%</td></tr> <tr><td>Mechanical</td><td>8.5%</td></tr> <tr><td>Public Safety</td><td>7.0%</td></tr> <tr><td>RVR</td><td>2.0%</td></tr> <tr><td>Sales &amp;</td><td>2.0%</td></tr> <tr><td>Welding</td><td>6.5%</td></tr> <tr><td>More Career</td><td>6.5%</td></tr> </tbody> </table>	Career Field	Percentage	Agriscience	14.5%	Auto mech	2.0%	CAD	2.0%	Collision	4.0%	Computer	2.0%	Constructio	2.0%	Cosmetolog	8.5%	Culinary	9.5%	Diesel Tech	7.0%	Digital	8.5%	Early	2.0%	Electronics	4.5%	Health	2.0%	HVAC	8.5%	Mechanical	8.5%	Public Safety	7.0%	RVR	2.0%	Sales &	2.0%	Welding	6.5%	More Career	6.5%
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KeyTrain	A computer- based assessment that was used to assess math performance in CTE students. Students with low Applied Math scores were identified and offered open lab time to improve their math skills.	467 CTE students <ul style="list-style-type: none"> <li>➤ 3.7 = average pretest score for juniors</li> <li>➤ 74% of juniors scored a Level 3 or Level 4</li> </ul>	<p style="text-align: center;"><b>Juniors</b></p> <table border="1"> <caption>Juniors Math Performance Data</caption> <thead> <tr> <th>Level</th> <th>Number of students</th> </tr> </thead> <tbody> <tr><td>Level 1</td><td>10</td></tr> <tr><td>Level 2</td><td>45</td></tr> <tr><td>Level 3</td><td>170</td></tr> <tr><td>Level 4</td><td>185</td></tr> <tr><td>Level 5</td><td>35</td></tr> <tr><td>Level 6</td><td>25</td></tr> <tr><td>Level 7</td><td>20</td></tr> </tbody> </table>	Level	Number of students	Level 1	10	Level 2	45	Level 3	170	Level 4	185	Level 5	35	Level 6	25	Level 7	20																										
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Level 7	20																																												
AP Testing	Advanced Placement Test administered by Ed Tech Assessment Coordinator	276 AP test administered for Dryden, Lapeer East, and Lapeer West.	*See AP Exams Administered Chart page 14 for data																																										

<p>Tech Colors</p>	<p>A paper/ pencil assessment used through the counseling department to help students identify their specific interests and strengths so that they may better explore those areas.</p>	<p>Approx. 95% of CTE population</p>	<p>**No measurable data</p>												
<p>EETC (Equipment and Engine Training Council)</p>	<p>A paper/pencil assessment designed to recognize superior skills in the outdoor power equipment industry. Individuals scoring above 70% will be certified a “Master Technician” in one of seven areas. Compact Diesel and Four Stroke assessments were given.</p>	<p>35 CTE students tested</p>	<p>*****WAITING FOR DATA*****</p>												
<p>Career Tech National Healthcare Assessment</p>	<p>A state mandated national assessment given to juniors in the Health Occupations program. This Internet-based assessment is used to identify skills and knowledge that entry-level healthcare workers need in order to be successful. Those scoring over 70% will receive a certificate recognizing their achievement.</p>	<p>60 CTE students tested</p>	<div style="text-align: center;"> <h3>National Healthcare Assessment</h3> <table border="1"> <caption>National Healthcare Assessment Data</caption> <thead> <tr> <th>Assessment Level</th> <th>Number of Students</th> <th>Percentage of Passing Students</th> </tr> </thead> <tbody> <tr> <td>Health Occupations 3</td> <td>20</td> <td>~75%</td> </tr> <tr> <td>Health Occupations 2</td> <td>19</td> <td>~74%</td> </tr> <tr> <td>Health Occupations 1</td> <td>21</td> <td>~62%</td> </tr> </tbody> </table> </div>	Assessment Level	Number of Students	Percentage of Passing Students	Health Occupations 3	20	~75%	Health Occupations 2	19	~74%	Health Occupations 1	21	~62%
Assessment Level	Number of Students	Percentage of Passing Students													
Health Occupations 3	20	~75%													
Health Occupations 2	19	~74%													
Health Occupations 1	21	~62%													

## AP Exams Administered



	Biology	Calculus AB	Chemistry	English Language	English Literature	Psychology	Statistics	Biology	US History
Dryden					3				1
West		5		24	9				9
East	20	27	8	36	41	57	19	20	17

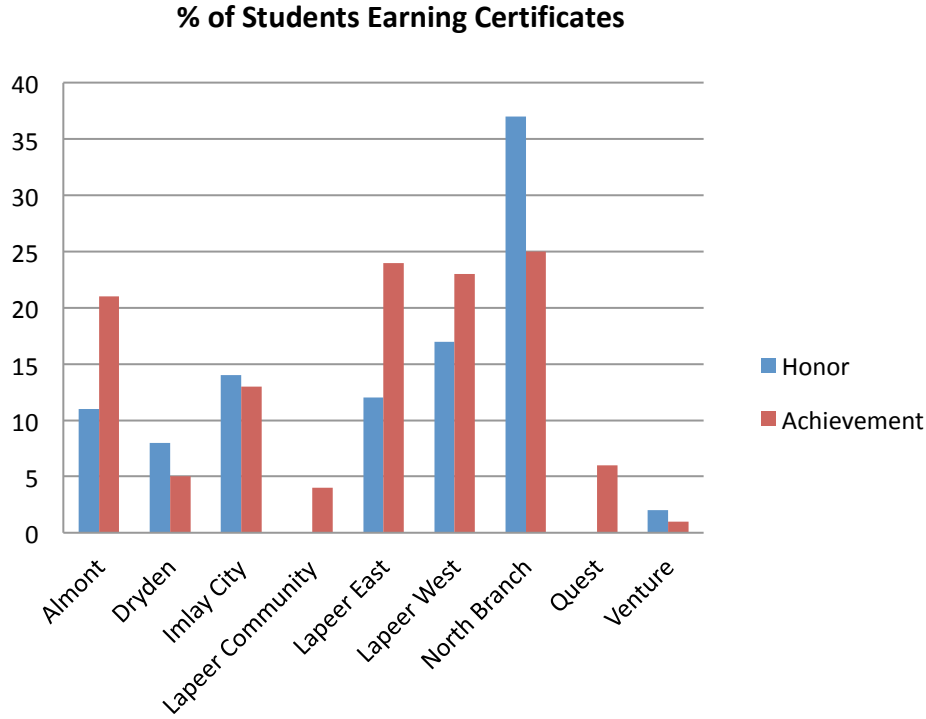
**AP Exams**

## CTE Scholarships Awarded

- Mark Robbins Memorial Award – (5) \$500 scholarships sponsored by Lapeer Optimist Club (Various programs)
- Lapeer Education & Technology Teachers' Association (LETTA) – (2) \$300 (Various Programs)
- Imlay City / Attica Masons – (2) \$1,000 (Various programs)
- SkillsUSA State Competition - 25 scholarships available valued at \$115,000 (Various programs)
- Brendel Agricultural Enrichment Scholarship - \$500 (Agriscience / Horticulture)
- Weyer Agricultural Community Service Scholarship - \$300 (Agriscience / Horticulture)
- Lapeer County FFA Alumni Scholarship – (2) \$300 (Agriscience / Horticulture)
- Maine-Rebekah Lodge Horticulture Scholarship - \$300 (Agriscience / Horticulture)
- Specs Howard - \$2,500 (Digital Media Arts)
- Northwood University - \$1,000 scholarship to each attending DECA member (Sales & Marketing)
- Powersports Institute – (2) \$5,000 (Recreational Vehicle Repair)
- Motorcycle Mechanic Institute - \$1,000 (Recreational Vehicle Repair)
- Johnson/Wales - \$500 renewable and academic scholarship up to \$10,000 (Culinary Arts)
- State Gingerbread Competition - \$650 (Culinary Arts)
- Ohio Technical College - \$7,500 (Various programs)
- University of Northwest Ohio - \$1,000 (Various programs)
- Lincoln Technical Institute – (1) \$6,000 (Various programs)
- MCTA (Michigan Construction Teachers Assoc) \$500

# Students who received Honor and Achievement Certificates

<u>School</u>	<u>Honor</u>	<u>Achievement</u>
Almont	11	21
Dryden	8	5
Imlay City	14	13
Lapeer Community	0	4
Lapeer East	12	24
Lapeer West	17	23
North Branch	37	25
Quest	0	6
Venture	2	1



Honor Certificates are awarded to students having an “A” average during their senior year and is computed by averaging the grades from the first (1<sup>st</sup>) and second (2<sup>nd</sup>) trimester and from the first (1<sup>st</sup>) semester. The student must achieve a career goal and not have more than six (6) absences during the year.

Achievement certificates are awarded to students who meet a minimum set of task requirements established by the teacher and with Administration’s approval.

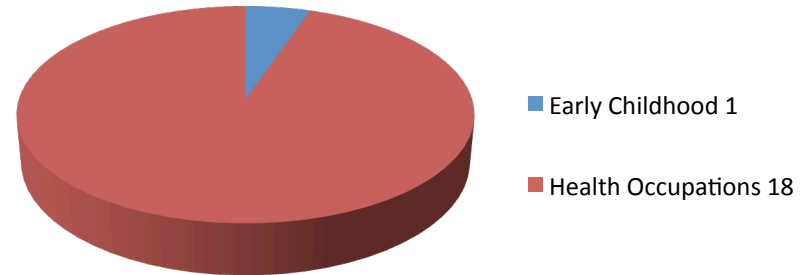
# Non-Traditional Students

There were a total of 71 females and 19 males in non-traditional programs

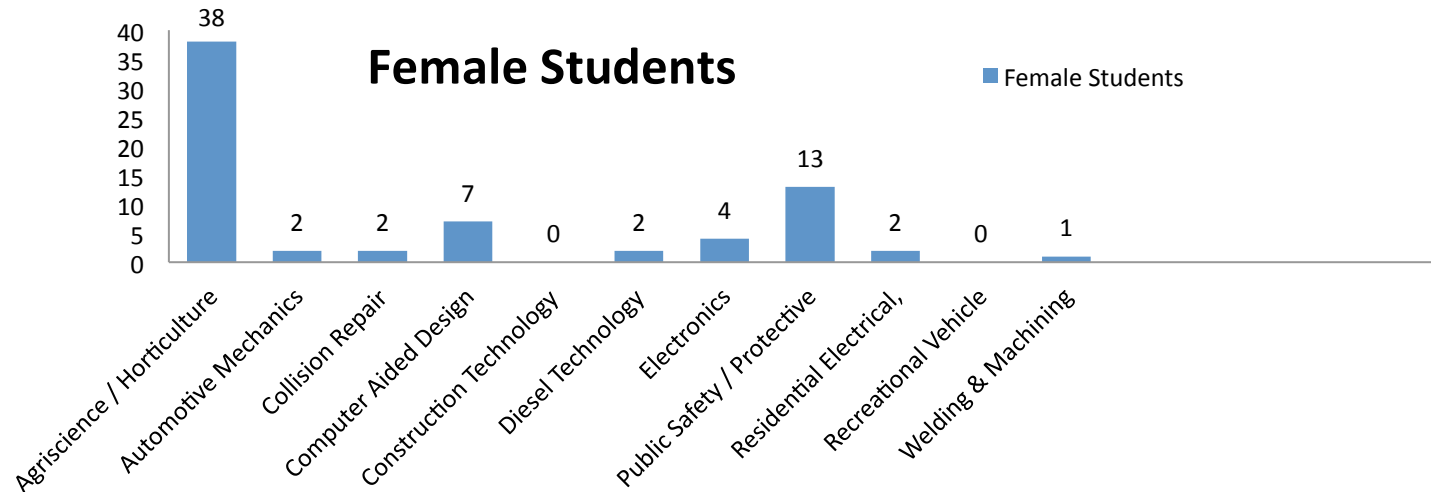
Program	Females
Agriscience / Horticulture	38
Automotive Mechanics	2
Collision Repair	2
Computer Aided Design (CAD)	7
Construction Technology	0
Diesel Technology	2
Electronics	4
Public Safety / Protective Services	13*
Residential Electrical, Plumbing & HVAC	2
Recreational Vehicle Repair	0
Welding & Machining Technology	1

Program	Males
Early Childhood	1
Health Occupations	18

## Male Students



\*Michigan Department of Education Breaking Traditions State Award Winner in Public Safety



71  
Total Female Non-Traditional Students

19  
Total Male Non-Traditional Students

# Career / Technical Student Organization (CTSO) Participation

Many students will have the opportunity to participate in a program-related student organization. Student organizations develop citizenship, technical, leadership, and teamwork skills essential for students who are preparing for the workforce and further education. Students have the opportunity to put their skills and abilities to the test as they compete against other career and technical education students across the nation.

**SkillsUSA:** (An organization of students enrolled in training programs in technical, skilled and service occupations)

Auto Mechanics, Collision Repair, CAD, Computer Networking, Construction Technology I & II, Culinary Arts, Diesel Technology, Digital Media Arts, Early Childhood, Electronics, Welding & Machining Technology and Public Safety

- Total # of students Regional - 92
- State - 77
- National - 7

**HOSA:** (Health Occupations Students of America)

Health Occupations and Advanced Health Occupations

- Total # of students Regional - 47
- State - 28
- National - 4

**FFA:** (An association of Agriscience students)

Agriscience / Horticulture

- Total # of students Regional - 17
- State - 18
- National - 6

**DECA:** (An association of marketing students)

Sales & Marketing

- Total # of students Regional - 19
- State - 10
- National - 2

**MITES:** (Michigan Industrial Technology Education Society)

Auto Mechanics, CAD

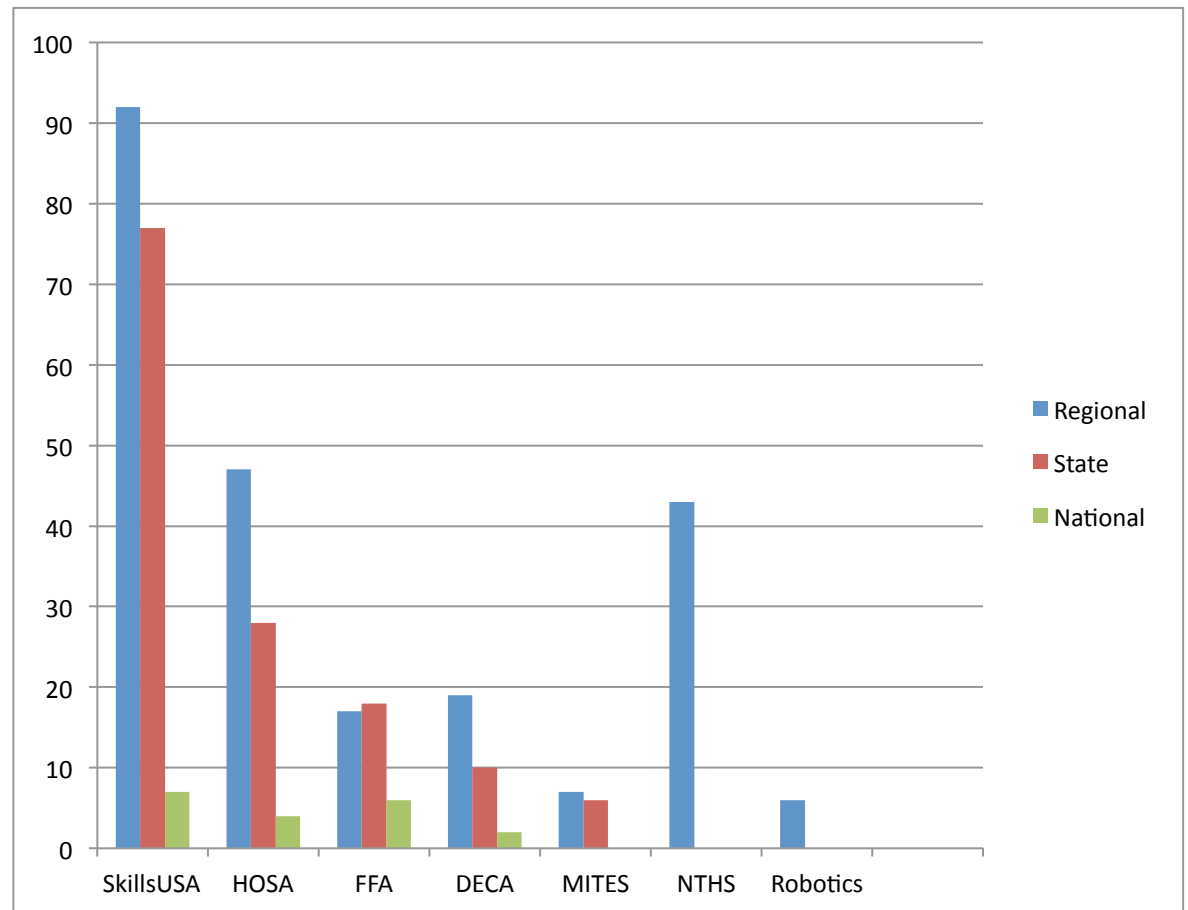
- Total # of students Regional - 7
- State - 6
- No national

**NTHS:** (National Technical Honor Society)

All programs- 43 Members

**Robotics:**

All Programs-6 Members



# Unique Student Experiences

In addition to program wide organizations, many programs have evolved to include additional experiences that enhance student learning while strengthening ties to the community. Many of these experiences take place at Ed Tech. Others involve travel, but they all serve to provide students with rich educational experiences.

## Program

## Special Events

## Field Trip Experiences

<u>Program</u>	<u>Special Events</u>	<u>Field Trip Experiences</u>
<b>Agriscience / Horticulture</b>		
	<ul style="list-style-type: none"> <li>➤ Produce and sell Easter lilies; Christmas greenery and annuals</li> <li>➤ Project Rural Education Day</li> <li>➤ Observe Animal Center births</li> <li>➤</li> </ul>	<ul style="list-style-type: none"> <li>➤ Campbell's Greenhouse</li> <li>➤ Thumb Area Works Agricultural Career Day</li> <li>➤ Michigan Florist Convention</li> <li>➤ Beef Blast</li> <li>➤ Wholesale Florist Corsage Show</li> </ul>
<b>Automotive Mechanics</b>		
	<ul style="list-style-type: none"> <li>➤ Drag race performance</li> <li>➤ Street legal pulling trucks</li> <li>➤ MIIT hybrid engines</li> </ul>	<ul style="list-style-type: none"> <li>➤ North American International Auto Show</li> <li>➤ Autorama</li> </ul>
<b>Collision Repair</b>		
	<ul style="list-style-type: none"> <li>➤ Top Gun Auto Valve Auto Body Region 3 Competition (13<sup>th</sup> of 20 qualifiers in round 1)</li> <li>➤ Baran Institute Air Brush demonstration</li> <li>➤ Ed-Tech race day</li> <li>➤ Custom paint frame for pro tour car</li> </ul>	<ul style="list-style-type: none"> <li>➤ North American International Auto Show</li> <li>➤ Autorama</li> </ul>
<b>Computer Aided Design (CAD)</b>		
	<ul style="list-style-type: none"> <li>➤ Career Exploration-Quest Industries</li> </ul>	<ul style="list-style-type: none"> <li>➤ Autorama</li> </ul>
<b>Computer Networking</b>		
	<ul style="list-style-type: none"> <li>➤ Junior Achievement Entrepreneurship</li> <li>➤ Cisco NetRiders Competition</li> <li>➤ Custom Built Computers</li> </ul>	<ul style="list-style-type: none"> <li>➤ North American International Auto Show</li> <li>➤ Cavalier Telephone</li> <li>➤ CCS/Robolytics</li> <li>➤ EMU Cyber Security for the 21<sup>st</sup> Century</li> </ul>
<b>Construction Technology</b>		
	<ul style="list-style-type: none"> <li>➤ Built Pavilion for Lapeer Township</li> <li>➤ MITES Construction Competition-2<sup>nd</sup> place</li> <li>➤ Holiday Invitational Carpentry contest at Oakland County Tech Center (2<sup>nd</sup> place)</li> <li>➤ Sanilac Career Center Build Off-2<sup>nd</sup> place</li> </ul>	<ul style="list-style-type: none"> <li>➤ Michigan Construction Career Days</li> </ul>

<u>Program</u>	<u>Special Events</u>	<u>Field Trip Experiences</u>
<b>Cosmetology</b>		
	<ul style="list-style-type: none"> <li>➤ Project Homeless – free haircuts</li> <li>➤ LACADA - Mini manicure and pedicures</li> <li>➤ Grondin’s Hair Show</li> <li>➤ Style students’ hair for Fashion Show at North Branch put on by Sales &amp; Marketing class</li> <li>➤ Junior Achievement</li> </ul>	
<b>Culinary Arts</b>		
	<ul style="list-style-type: none"> <li>➤ Gingerbread Team Competition</li> <li>➤ Fruit Carving Competition</li> <li>➤ Bully Free Zone Project</li> </ul>	<ul style="list-style-type: none"> <li>➤ Gorton Food Show</li> <li>➤ Frankenmuth Ice Carving Exhibition</li> </ul>
<b>Diesel Technology</b>		
	<ul style="list-style-type: none"> <li>➤ Drag race performance</li> <li>➤ Truck demo</li> </ul>	<ul style="list-style-type: none"> <li>➤ North American International Auto Show</li> <li>➤ Alternative Energy Vehicle Competition</li> </ul>
<b>Digital Media Arts</b>		
	<ul style="list-style-type: none"> <li>➤ Courage Persuaders (public service announcement production contest)</li> <li>➤ Produce video for Special Education, fashion show and Culinary Arts</li> <li>➤ Design shirt for Eastern Michigan Fair</li> <li>➤ Compete in Michigan Association of Broadcasters</li> <li>➤ The Edge-News Media</li> <li>➤ Lapeer County Ed Tech Lip Dub</li> <li>➤ Michigan Interscholastic Press Association-Honorable Mention</li> <li>➤ Detroit Area Film and Television Festival-Honorable Mention</li> </ul>	<ul style="list-style-type: none"> <li>➤ College of Creative Studies, Detroit</li> <li>➤ WDIV, Detroit; U of M Flint</li> <li>➤ ABC-12 Studio</li> <li>➤ WBBM-CBS Chicago</li> <li>➤ WMAQ-NBC 5 Chicago</li> <li>➤ Columbia College</li> <li>➤ Illinois Institute of Arts</li> </ul>
<b>Early Childhood</b>		
	<ul style="list-style-type: none"> <li>➤ Preschool Open House</li> <li>➤ Meet the teacher night for Preschool</li> <li>➤ Special Education Fly Day (Community Service)</li> </ul>	<ul style="list-style-type: none"> <li>➤ U of M Child Development Center</li> <li>➤ Mott Community College</li> <li>➤ Preschool field trips to Seven Ponds Nature Center, Pumpkin Patch, Attica Fire Department</li> </ul>
<b>Health Occupations</b>		
	<ul style="list-style-type: none"> <li>➤ Health Expo</li> <li>➤ Two Blood Drives</li> </ul>	<ul style="list-style-type: none"> <li>➤ Lapeer Regional Medical Center</li> <li>➤ Suncrest Medical Care Facility</li> <li>➤ Health Occupations Opportunity Day at OCC</li> </ul>

## Program

## Special Events

## Field Trip Experiences

<u>Program</u>	<u>Special Events</u>	<u>Field Trip Experiences</u>
<b>Health Occupations – Advanced</b>		
	<ul style="list-style-type: none"><li>➤ Live Video Conference on Stem Cell Research Debate</li><li>➤ Cat Dissection</li></ul>	<ul style="list-style-type: none"><li>➤ Bodies Exhibit in Illinois</li><li>➤ U of M Medical Center Ann Arbor</li><li>➤ Wayne State University Health Sciences Class</li></ul>
<b>Public Safety / Protective Services</b>		
	<ul style="list-style-type: none"><li>➤ County Disaster Exercise</li><li>➤ Vehicle Extrication Exercise</li><li>➤ Turnout Gear Football</li><li>➤ Virtual Autopsy – COSI</li><li>➤ Defensive Tactics Exercise</li></ul>	<ul style="list-style-type: none"><li>➤ Base Camp-Flint</li><li>➤ Macomb County Policy Academy</li><li>➤ OCC-Crest</li></ul>
<b>Recreational Vehicle Repair</b>		
	<ul style="list-style-type: none"><li>➤ Powersports Competition Showcase</li></ul>	<ul style="list-style-type: none"><li>➤ Autorama</li></ul>
<b>Sales &amp; Marketing</b>		
	<ul style="list-style-type: none"><li>➤ Fashion Show</li><li>➤ New York Marketing Conference</li><li>➤ Chicago Leadership Conference</li></ul>	<ul style="list-style-type: none"><li>➤ North American International Auto Show</li><li>➤ Met with vice president of sales at Zehnders in Frankenmuth</li><li>➤ Sports and Entertainment Conference at Palace of Auburn Hills</li></ul>
<b>Welding &amp; Machining Technology</b>		
	<ul style="list-style-type: none"><li>➤ Welding Contest &amp; Intro to Boilermakers Trade</li><li>➤ Welding Contest at Ferris State University</li><li>➤ STS Competition</li></ul>	<ul style="list-style-type: none"><li>➤ Urgent Design &amp; Manufacturing</li></ul>

# Guest Speakers

<u>Business / Industry</u>	<u>Colleges</u>	<u>Military</u>
<ul style="list-style-type: none"> <li>➤ Lapeer County Sheriff's Office</li> <li>➤ Macomb County Medical Examiner's Office</li> <li>➤ Retired defensive tactics instructor</li> <li>➤ ER doctor, respiratory therapist from Lapeer Regional Medical Center</li> <li>➤ EMT - Lapeer</li> <li>➤ Veterinarian</li> <li>➤ Artificial inseminator technician</li> <li>➤ Ball Seed product representative</li> <li>➤ Dupont automotive refinishing</li> <li>➤ Spray Booth Products, 3M Industry &amp; Maguire's representatives</li> <li>➤ Master educators in hair products, industry trends, haircutting and braiding</li> <li>➤ Antique radio restoration</li> <li>➤ Edward Jones financial planner</li> <li>➤ Village Printing salesperson</li> <li>➤ State of Michigan Child Social Services social worker</li> <li>➤ Department of Natural Resource Officer</li> <li>➤ Medical Examiner's Investigator</li> <li>➤ AAA Insurance</li> <li>➤ Marketing Services</li> <li>➤ Country Smokehouse</li> <li>➤ Vector Marketing</li> <li>➤ CIO Oakland Community College</li> <li>➤ Wound Care Nurse, Nutrition Nurse, Survival Flight Nurse</li> <li>➤ Hearing Consultants &amp; Occupational/Physical Therapy</li> <li>➤ X-Ray Radiation Therapy</li> </ul>	<ul style="list-style-type: none"> <li>➤ Art Institute</li> <li>➤ Baker College</li> <li>➤ Culinary Institute of America</li> <li>➤ Davenport University</li> <li>➤ Delta College</li> <li>➤ Ferris State University</li> <li>➤ ITT</li> <li>➤ Johnson and Wales</li> <li>➤ Lincoln Tech</li> <li>➤ Macomb Community College</li> <li>➤ Michigan Institute of Aviation</li> <li>➤ Michigan State University</li> <li>➤ MIIT - Lapeer</li> <li>➤ Mott Community College</li> <li>➤ Nashville Auto/Diesel</li> <li>➤ Northwestern Ohio</li> <li>➤ Northwood University</li> <li>➤ Ohio Technical College</li> <li>➤ Specs Howard</li> <li>➤ Universal Technical Institute</li> <li>➤ University of Michigan – Flint</li> <li>➤ Washtenaw Community College</li> </ul>	<ul style="list-style-type: none"> <li>➤ Air Force</li> <li>➤ Army</li> <li>➤ Coast Guard</li> <li>➤ Marines</li> <li>➤ Navy</li> </ul>

# Attendance

## Overall Enrollment

SCHOOL	First count day – September 29, 2010	Second count day – February 9, 2011	End of the year – May 19, 2011 (last day for 1 <sup>st</sup> group of seniors leaving early)	Drops-after 1 <sup>st</sup> count day	Adds-after 1 <sup>st</sup> count day
ALMONT	109	107	101	11	3
DRYDEN	55	54	51	4	0
IMLAY CITY	107	109	111	0	4
LAPEER COMMUNITY	61	48	41	20	0
LAPEER EAST	138	132	123	16	0
LAPEER WEST	136	130	126	11	1
NORTH BRANCH	165	162	161	7	3
QUEST	48	41	34	17	3
VENTURE	30	23	21	11	2

## Potential Reasons for Leaving Prior to Year End

- Graduated early
- Family moved out of area
- Took more classes at home school because of credit issues
- Change of career interest
- Dropped by home school

## Monthly Attendance

This chart reflects the number of days of local home school participation

Month	# of days Ed Tech had classes	# of days Ed Tech had all schools in attendance
September 2009	17	12
October	22	14
November	16	11
December	14	9
January 2010	19	15
February	16	13
March	21	11
April	16	14
May	20	16
June	11	8

## Potential Reasons for Non-Attendance

- District late start
- Homecoming / prom activities
- Home school field trip
- Class activities / assemblies
- PSAT
- MME State Assessment
- Trimester / semester exams
- Snow days (4)
- Professional Development
- Holidays
- Extended holiday schedule
- Records days

## Attendance Totals / Merit Standards<sup>1</sup> by School

<u>School</u>	<u>Perfect Attendance</u>	<u>Met / Exceeded Merit Standards All Year</u>
<b>Almont</b>		
	Perfect All Year	3.0% (3 students)
	1 <sup>st</sup> trimester	17.8% (18 students)
	2 <sup>nd</sup> trimester	12.9% (13 students)
	3 <sup>rd</sup> trimester	10.9% (11 students)
<b>Dryden</b>		
	Perfect All Year	2.0 % (1 student)
	1 <sup>st</sup> trimester	23.5 % (12 students)
	2 <sup>nd</sup> trimester	17.6% (9 students)
	3 <sup>rd</sup> trimester	13.7% (7 students)
<b>Imlay City</b>		
	Perfect All Year	2.7% (3 students)
	1 <sup>st</sup> semester	14.4% (16 students)
	2 <sup>nd</sup> semester	4.5% (5 students)
<b>Lapeer Community</b>		
	Perfect All Year	0.0% (0 students)
	1 <sup>st</sup> trimester	4.9% (2 students)
	2 <sup>nd</sup> trimester	4.9% (2 students)
	3 <sup>rd</sup> trimester	0.0% (0 students)
<b>Lapeer East</b>		
	Perfect All Year	2.4% (3 students)
	1 <sup>st</sup> trimester	22.0% (27 students)
	2 <sup>nd</sup> trimester	12.2% (15 students)
	3 <sup>rd</sup> trimester	7.3% (9 students)
<b>Lapeer West</b>		
	Perfect All Year	.8% (1 students)
	1 <sup>st</sup> trimester	14.3% (18 students)
	2 <sup>nd</sup> trimester	10.3% (13 students)
	3 <sup>rd</sup> trimester	6.3% (8 students)
	Exceeded All Year	34.7% (35 students)
	1 <sup>st</sup> trimester	31.7% (32 students)
	2 <sup>nd</sup> trimester	32.7% (33 students)
	3 <sup>rd</sup> trimester	33.7% (34 students)
	Exceeded All Year	31.4% (16 students)
	1 <sup>st</sup> trimester	31.4% (16 students)
	2 <sup>nd</sup> trimester	23.5% (12 students)
	3 <sup>rd</sup> trimester	27.5% (14 students)
	Exceeded All Year	30.6% (34 students)
	1 <sup>st</sup> semester	29.7% (33 students)
	2 <sup>nd</sup> semester	32.4% (36 students)
	Exceeded All Year	7.3% (3 student)
	1 <sup>st</sup> trimester	14.6% (6 students)
	2 <sup>nd</sup> trimester	14.6% (6 students)
	3 <sup>rd</sup> trimester	9.8% (4 students)
	Exceeded All Year	30.9% (38 students)
	1 <sup>st</sup> trimester	26.0% (32 students)
	2 <sup>nd</sup> trimester	27.6% (34 students)
	3 <sup>rd</sup> trimester	27.6% (34 students)
	Exceeded All Year	31.0% (39 students)
	1 <sup>st</sup> trimester	29.4% (37 students)
	2 <sup>nd</sup> trimester	27.8% (35 students)
	3 <sup>rd</sup> trimester	31.0% (39 students)

<sup>1</sup> Achieving Merit Standard means missing no more than 4 days per trimester or 6 days per semester

<u>School</u>	<u>Perfect Attendance</u>		<u>Met / Exceeded Merit Standards All Year</u>	
<b>North Branch</b>				
	Perfect All Year	2.5% (4 students)	Exceeded All Year	25.5% (41 students)
	1 <sup>st</sup> trimester	15.5% (25 students)	1 <sup>st</sup> trimester	34.1% (43 students)
	2 <sup>nd</sup> trimester	8.7% (14 students)	2 <sup>nd</sup> trimester	28.6% (46 students)
	3 <sup>rd</sup> trimester	9.5% (12 students)	3 <sup>rd</sup> trimester	25.5% (41 students)
<b>Venture</b>				
	Perfect All Year	4.8% (1 students)	Exceeded All Year	19.0 % (4 students)
	1 <sup>st</sup> semester	9.5% (2 students)	1 <sup>st</sup> semester	38.1% (8 students)
	2 <sup>nd</sup> semester	4.8% (1 students)	2 <sup>nd</sup> semester	19.0% (4 students)
<b>Quest</b>				
	Perfect All Year	0.0% (0 students)	Exceeded All Year	5.9% (2 students)
	1 <sup>st</sup> trimester	0.0% (0 students)	1 <sup>st</sup> trimester	17.6% (6 students)
	2 <sup>nd</sup> trimester	0.0% (0 students)	2 <sup>nd</sup> trimester	14.7% (5 students)
	3 <sup>rd</sup> trimester	2.9% (1 students)	3 <sup>rd</sup> trimester	5.9% (2 students)

## Advisory Committees

<b>Program</b>		<b>Local Business</b>	<b>Alumni</b>	<b>Parents</b>	<b>Students</b>	<b>Related Field</b>
Agriscience/Horticulture	12	3	3	1	2	3
Auto Mechanics	7	5				2
CAD	11	6		1	1	3
Collision Repair	10	6			2	2
Computer Networking	11	3	2	1	1	4
Construction Technology	7	2	1			4
Culinary Arts	14	4	3		3	4
Diesel Technology	6	3			1	2
Digital Media Arts	9	5		1	1	2
Early Childhood	8	1		1		6
Electronics	15	5	3	1		6
Engineering	8	4				4
Health Occupations	10	5		1	1	3
Health Occupations Advanced	12	6	1			5
Public Safety	7	3		1	1	2
Recreational Vehicle Repair	9	4				5
Residential Electrical, Plumbing	6	4				2
Sales & Marketing	9	4		1	3	1
Welding & Machining	8	5		1	1	1
<b>Total</b>		<b>78</b>	<b>13</b>	<b>9</b>	<b>17</b>	<b>62</b>

## Student Services

<b>10TH GRADE TOURS - 2010</b>	ALMONT	DRYDEN	IMLAY CITY	LAPEER EAST	LAPEER WEST	LAPEER COMMUNITY	NORTH BRANCH	TOTAL VISITS BY PROGRAM
AGRISCIENCE/HORTICULTURE	12	9	9	15	20	6	16	87
AUTOMOTIVE MECHANICS	10	3	11	9	19	7	12	71
COLLISION REPAIR	2	7	8	3	9	4	4	37
COMPUTER AIDED DESIGN	7	10	5	9	12	1	8	52
COMPUTER NETWORKING	3	9	3	2	7	1	3	28
CONSTRUCTION TECHNOLOGY	5	7	4	1	5	3	5	30
COSMETOLOGY	12	7	16	24	26	10	18	113
CULINARY ARTS	12	13	17	14	51	10	21	138
DIESEL TECHNOLOGY	4	6	6	8	12	1	10	47
DIGITAL MEDIA ARTS	14	18	6	9	23	4	8	82
EARLY CHILDHOOD	22	3	19	14	28	4	22	112
ELECTRONICS	8	0	5	1	7	3	4	28
HEALTH OCCUPATIONS	27	12	25	29	37	1	33	164
PRE-ENGINEERING	7	0	0	0	0	0	0	7
PUBLIC SAFETY/PROTECTIVE SERVICES	11	4	5	18	20	7	18	83
RECREATIONAL VEHICLE REPAIR	6	7	3	11	11	3	11	52
RESIDENTIAL ELECTRICAL, PLUMBING & HVAC	0	1	3	14	1	0	2	21
SALES & MARKETING	14	7	6	3	9	2	8	49
WELDING & MACHINING TECHNOLOGY	4	9	11	2	15	3	5	49
<b>TOTAL VISITS BY SCHOOL</b>	<b>180</b>	<b>132</b>	<b>162</b>	<b>186</b>	<b>312</b>	<b>70</b>	<b>208</b>	<b>1250</b>

*\*\*These are the numbers of visits that were scheduled. This is not the number of students who visited. Each student was scheduled to visit 2 programs.*

10th Grade Presentations at Local Schools

School	Presentation	Time
Dryden	November 1, 2010	11:45 AM
Almont	November 2, 2010	9:15 AM
North Branch	November 3, 2010	12:15 PM
Lapeer Community	November 4, 2010	1:00 PM
Lapeer East	November 8, 2010	8:40 AM
Imlay City	November 9, 2010	8:35 AM
Lapeer West	November 11, 2010	7:30 AM

10th Grade Tours at Ed Tech

School	Tour Date	Time
Lapeer West	December 14, 2010	Morning
North Branch	December 15, 2010	Morning
Almont	December 16, 2010	Morning
Imlay City	December 17, 2010	Morning
Dryden	December 17, 2010	Afternoon
Lapeer East	December 14, 2010	Afternoon
Lapeer Community	December 15, 2010	Afternoon

Middle School Tours at Ed Tech

School	Tour Date	Grade
Chatfield	February 7, 2011	8th grade
Dryden	October 26, 2010	9th grade
Rolland-Warner	February 8, 2011	8th grade
North Branch	February 9, 2011	8th grade
Dryden	February 10, 2011	8th grade
Zemmer	February 11, 2011	8th grade
Imlay City	March 3, 2011	7th grade

Open House-January 10, 2011

- All 9<sup>th</sup> and 10<sup>th</sup> grade students/parents from Lapeer County Schools were invited
- College and Military recruiters were on site to distribute information and answer questions
- Mott Community College presented a financial aid workshop
- The first annual National Technical Honor Society induction -44 juniors and seniors participated

Student of the Month:

Based on the following criteria:

- Good academic standing
- Making improvement academically
- Outstanding performance or leadership
- No behavior referrals for the month

Students from all of our county high schools were nominated by instructors from all of the programs. Students were given a certificate and a gift certificate from the school store. Students were chosen from October through March.

## National Technical Honor Society Membership

<i><b>NTHS</b></i>	ALMONT	DRYDEN	IMLAY CITY	LAPEER EAST	LAPEER WEST	LAPEER COMMUNITY	NORTH BRANCH	<b>Total Members</b>
AGRISCIENCE/HORTICULTURE			2				2	4
AUTOMOTIVE MECHANICS								
COLLISION REPAIR		1						1
COMPUTER AIDED DESIGN			1					1
COMPUTER NETWORKING							1	1
CONSTRUCTION TECHNOLOGY	1							1
COSMETOLOGY			1	1	1		1	4
CULINARY ARTS	1				2	1	1	5
DIESEL TECHNOLOGY								
DIGITAL MEDIA ARTS	2	2	1					5
EARLY CHILDHOOD	1						2	3
ELECTRONICS		1						1
HEALTH OCCUPATIONS	1	1	1				6	9
PRE-ENGINEERING			1					1
PUBLIC SAFETY/PROTECTIVE SERVICES					1			1
RECREATIONAL VEHICLE REPAIR								
RESIDENTIAL ELECTRICAL, PLUMBING & HVAC							2	2
SALES & MARKETING				1				1
WELDING & MACHINING TECHNOLOGY		1	1					2
<b>Totals</b>	6	6	8	2	4	1	15	<b>42</b>