



WISCONSIN  
INDIANHEAD  
TECHNICAL  
COLLEGE

# **FARM BUSINESS AND PRODUCTION MANAGEMENT**

**Wisconsin Indianhead Technical College  
30-090-1 Technical Diploma**

***2014***  
**Program Review**  
  
**and**  
  
**Improvement Plan**

# CONTENTS

<b>Catalog Page .....</b>	<b>1</b>
<b>Review Team Membership .....</b>	<b>3</b>
<b>Self-Study Reports .....</b>	<b>7</b>
<b>Program Future Trends .....</b>	<b>25</b>
<b>Program Improvement Plan .....</b>	<b>29</b>

# Farm Business and Production Management

30-090-1 Technical Diploma

## Program Overview

Today's successful farmer must keep up with changes and improvements in the farming industry to remain competitive. The Farm Business and Production Management technical diploma will give students both classroom and on-the-farm instruction. The program consists of six courses taught over a six-year period. WITC accepts new enrollments into the program each year beginning July 1.

Campus:



WISCONSIN  
INDIANHEAD  
TECHNICAL  
COLLEGE

**Ashland**  
**New Richmond**  
**Rice Lake**

## Special Feature

Tuition assistance is available through the state of Wisconsin.

## Admission Requirements

Students in this program must:

- Complete an application form

## Student Profile

Students in this program should be able to:

- Apply concepts and skills
- Tolerate dust
- Stand, crouch, kneel, and move around easily

## Preparation for Admission

Students should strive to reach a comfort level in the following courses or skills:

- Agriculture
- Biology/General Science
- Accounting
- Math
- English

Key to the student's success in the program is the ability to detect farm business needs based on a variety of conditions.

## Program Outcomes

Farm Business and Production Management graduates will be able to:

- Utilize agronomic resources for optimal farm production
- Evaluate livestock management plans
- Plan for operation and maintenance of farm facilities and equipment
- Create farm business plans
- Apply marketing principles to agricultural enterprises

Collegewide outcomes and indicators will also be addressed to develop personal awareness, career effectiveness, and professionalism. See page 5 of the college catalog for a list of collegewide outcomes and indicators.

## Career Outlook

Farm Business and Production Management graduates are in demand because of the concern for profit in the farming industry. Typical careers available after graduation include:

- Farm Owner
- Farm Manager/Operator
- Farm/Field Crop Manager
- Livestock Farmer
- Breeder
- Farm Worker
- Dairy Laborer
- Dairy Herdsperson

## Curriculum

Number	Course Title	Credits
<b>Occupational Specific Courses</b>		
30090381	Operating the Farm Business	4
30090382	Soil Management	4
30090383	Crop Management	4
30090384	Livestock Nutrition	4
30090385	Livestock Management	4
30090386	Farm Records and Analysis	4
		<u>24</u>
<b>PROGRAM REQUIREMENTS</b>		<b>24</b>

## Course Descriptions

### 30090381

#### Operating the Farm Business - Credits: 4

This course will help the student learn many items involved with running a modern farm. These skills include but are not limited to record keeping, selecting proper insurance for the farm, analyzing financial performance, identifying credit needs and sources, planning for crops, and planning for the feeding of livestock.

### 30090382

#### Soil Management - Credits: 4

Soil Management is important to the productivity and profitability of a farmer. The farmer is a steward of the land and an environmentalist. The farmer must take care of the soil or he will not be a farmer for long! The student in this class will learn how to prepare a land use plan, collect and interpret soil samples results, develop a plan for fertilizer use on crops, develop a plan for storage and use of manure, analyze new farm issues and practices to determine future use, evaluate tillage equipment and methods, and to practice farm and environmental safety.

### 30090383

#### Crop Management - Credits: 4

This course will help the student learn many items involved with agricultural crop production. These skills include but are not limited to management practices, pest control, harvesting options and practices, economics, planting practices, seed and variety selection, etc.

### 30090384

#### Livestock Nutrition - Credits: 4

The Livestock Nutrition course will instruct the student in the following areas: anatomy and physiology of livestock; nutrient requirements for calves, heifers, and dry cows; ration balancing for calves, heifers, lactating cows, and dry cows; determine livestock feed needs; evaluate by-product feeds and feed additives; low input livestock feeding; metabolic disorders; and current issues in agriculture. Individualized instruction will be held at the student's on-the-job work location. The class also involves credit for on-the-job experience.

### 30090385

#### Livestock Management - Credits: 4

Animal agriculture has changed dramatically in the past decade and will continue to change at an even more rapid rate in the future. With advanced technology, animals have been cloned from tissue cells other than the gametes. This may allow us to produce animal products other than the traditional milk, meat, and fiber of the past. Along with positive changes, we have new animal diseases, concerns for the environment, human health, and these things are happening in a very volatile, economic climate. This course will help you analyze the current situation and make plans to take advantage of the changes in animal agriculture brought about by technological advances. Only by taking advantage of this change will we be able to survive economically in a world market.

### 30090386

#### Farm Records and Analysis - Credits: 4

This course emphasizes the practical use of a farm record system in managing the farm through farm and financial analysis. Includes the establishment of farm business goals, selection and use of farm credit, farm business arrangements, farm estate planning, and farm income taxes. Instruction is provided on the use of computers and/or computer records and financial analysis of the farm business and finance strategy to meet the learner's needs. Production and financial decisions will be made based on the learner's farm business analysis. All competencies will be assessed using the learner's farm or with simulations established by the instructor.

### Graduate Employment Information

(WITC Graduate Survey Responses 2011-2012; for most recent data, go to [witc.edu](http://witc.edu))

Number of graduates	13	Number employed	12	% employed in WITC district	83%
Number of responses	12	Percent employed	100%	Range of yearly salary	\$29,950-\$35,000
Number available for employment	12	Employed in related field	12	Average yearly salary	\$32,699

### career vision

800.243.9482

[witc.edu](http://witc.edu)

2014-2015

93

# **TEAM MEMBERSHIP**



## ACADEMIC PROGRAM REVIEW PROFILE

Program Number & Name	
30-090-01 Farm Business and Production Management	
Program Academic Dean	Title/Location
Michael Boyle	Academic Dean Rice Lake Campus
Team Lead(s)	Title/Location
Jerry Ranallo	Farm Business and Production Management Instructor Rice Lake
Kim Odden	Farm Business and Production Management Instructor Rice Lake
Team Members	Title/Location
Randy Deli	Divisional Dean Rice Lake
Patti Mandel	Industry Representative
Amanda Nicholson	Student

Program Information:		
Capacity (new students admitted/year):		varies
Number of Faculty:	FT: 2	PT: 1
Statewide Curriculum:	YES?	No? X
Number of Technical Studies Courses in each of the following delivery modes: (there may be duplication for courses offered in multiple modes)		
	<i>Classroom:</i>	And on the farm
	<i>Online:</i>	0
	<i>ITV/IP:</i>	0
	<i>In Person/Web Blended:</i>	0

Program Accredited by:	NA
Date of Last Accreditation	
Date of Next Accreditation	
Is a visit required? If so, when is the next visit?	
Program Licensed by:	NA
Date of Last Licensing:	
Date of Next Licensing:	
Is a visit required? If so, when is the next visit?	
Please list other program memberships:	NA

**Note:** The accreditation, licensing, and membership information listed above will be listed in the annual WITC Fact Book.





# **SELF-STUDY REPORT**



# SELF-STUDY SUMMARY REPORT

Program Information	
Program Name: <b>Farm Business and Production Management</b>	Team Chair: <b>Jerry Ranallo / Kim Odden</b>
Academic Dean: <b>Mike Boyle</b>	Divisional Dean: <b>Randy Deli</b>
Process Used to Complete the Self-Study	
Meeting format (in-person, IP, conference calls etc.)	<b>In-Person</b>
Number of meetings	<b>1</b>
How was the self-study handled? (as a group, assigned to individuals to report back to group, etc.)	<b>As a group.</b>
Additional comments:	
Summary of Findings	
As you completed this self study section of the program review, what areas "stand out" in your program? Please explain.	<p><b>Unique way that the program delivers education to the students.</b></p> <ul style="list-style-type: none"> <li>-Instruction and practical education is provided in an effective way for farmers.</li> <li>-Farm is the lab, instruction it taken to the student and customized per individual's needs.</li> <li>-Instruction is delivered during industry off season at local sites.</li> <li>-Facility and equipment needs are minimal.</li> <li>-A majority of the instruction is off campus.</li> <li>-Programs favorable image reflects positively on WITC as a whole.</li> <li>-Primary program enrollment occurs as a result of referrals and support from community agencies.</li> <li>-Program is financially supported by many banks and businesses.</li> </ul>
What has surprised you? Please explain.	<b>Lack of understanding and support from inside WITC about the Farm Business Program.</b>
List two or three of the items identified through your self-study that you will focus on to make improvements to your program.	<ul style="list-style-type: none"> <li>-Representation from Student Service is lacking at advisory committee meetings. Invitation to Student Service members will continue to be extended in hopes of participation.</li> <li>-The special feature and admission requirements sections on the catalog page does not duly reflect</li> </ul>

	<b>requirements of the program. Due to the way that scholarship distribution of funds is being administered at the state level tuition assistance may not be available for fall 2014. Admission requirement portion is not applicable to this program.</b>
When/where in your program will you implement these improvements?	<b>Over the course of the improvement plan.</b>
What methods (direct or indirect) will you use to assess the success of this implementation?	<b>By reevaluation of concerns.</b>
What new outcomes or benchmarks do you hope to achieve through these recommended changes?	<b>Catalog page that accurately reflects program. Greater awareness from Student Services as to the nature of the program.</b>
Additional comments:	<b>Scope of support from the community for this program demonstrates a strong continued need for this type of education.</b>

Attach a **“Category Results Report”** for each category listed in the Self-Study section of the manual. If desired, teams can add additional categories that are pertinent to the program area being studied.

## SELF-STUDY CATEGORY RESULTS

Program and Category	
<b>Program: Farm Business and Production Management</b> <b>Category: WITC Program Statistics</b>	
PLUSES (Strengths)	DELTAS (Opportunities)
<p>-FTEs over past five years stable, despite several program reductions.</p> <p>-In an effort to reduce budget, part-time instruction in Ashland was eliminated and yet - FTEs were maintained by two remaining instructors.</p> <p>-Graduate employment related indicates 100% placement.</p> <p>-Graduate satisfaction consistently ranks at 100% over 80% of years.</p> <p>-Gender enrollment demonstrates above average diversity within the industry.</p>	<p>-No graduates reported for 2012-2013.</p> <p>-Additional program statistics - statistical analysis for program needs to be updated.</p> <p>-Headcount has declined as a result of program staff reductions.</p>
<p>Select one PLUS item and explain the root cause:</p>	<p><b>FTEs over past five years stable, despite several program reductions.</b></p> <p><b>One full-time program instructor was eliminated in 2008. Adjunct instructor position was eliminated in 2012. Instructor contracts were reduced by 12% in 2014. It is anticipated that while reducing the headcount the program will maintain FTEs for 2014. Program viability concerns exist if additional program cuts are made.</b></p>
<p>Select one DELTA item and explain the root cause:</p>	<p><b>No graduates reported for 2012-2013.</b></p> <p><b>Due to an overload/oversight the data was reported by instructors, but not entered into the system by our current client reporting method. Actual program graduates for 2012-2013 was 13 which is consistent with past data. Future reporting procedures have been implemented to ensure Farm Business graduates will be entered for client reporting.</b></p>
<p>What items in this category <b>MUST</b> be addressed on our improvement plan?</p>	<p><b>Additional program statistics - statistical analysis for program needs to be updated.</b></p>
<p>What items in this category <b>MIGHT</b> be addressed on the improvement plan?</p>	<p><b>Headcount has declined as a result of program staff reductions.</b></p>
<p>What items in this category may be considered a <b>BEST PRACTICE OR INNOVATION?</b></p>	<p><b>FTEs over past five years stable, despite several program reductions.</b></p> <p><b>Graduate satisfaction consistently ranks at 100% over 80% of years.</b></p>

### Team Rating

Please indicate by an (**X**) the team rating of your program on this category.

<i>All areas need improvement</i>	<i>Some areas meet expectations, but most areas need improvement</i>	<i>All areas meet expectations —few areas need improvement</i>	<i>Exemplary—all areas exceed expectations—use as a model for other programs</i>
			X
Additional Comments: (optional)			

## SELF-STUDY CATEGORY RESULTS

Program and Category			
<b>Program: Farm Business and Production Management</b>			
<b>Category: Curriculum</b>			
PLUSES (Strengths)		DELTAS (Opportunities)	
<b>-Program has completed the Technical Skills Attainment (TSA). TSA assessed incrementally over a six year course rotation.</b>  <b>-All Course Outcome Summaries have been updated and are current within WIDS.</b>		<b>The special feature and admission requirements sections on the catalog page do not duly reflect requirements of the program.</b>	
Select one PLUS item and explain the root cause:	<b>Program has completed the Technical Skills Attainment (TSA). TSA assessed incrementally over a six year course rotation.</b>		
Select one DELTA item and explain the root cause:	<b>The Special Feature and Admission Requirements sections on the catalog page do not duly reflect requirements of the program. Due to the way that scholarship distribution of funds is being administered at the state level tuition assistance may not be available for fall 2014. Admission requirement portion is not applicable to this program.</b>		
What items in this category MUST be addressed on our improvement plan?	<b>The Special Feature and Admission Requirements sections on the catalog page do not duly reflect requirements of the program. Due to the way that scholarship distribution of funds is being administered at the state level tuition assistance may not be available for fall 2014. Admission requirement portion is not applicable to this program.</b>		
What items in this category MIGHT be addressed on the improvement plan?			
What items in this category may be considered a BEST PRACTICE OR INNOVATION?			
Team Rating			
Please indicate by an <b>(X)</b> the team rating of your program on this category.			
<i>All areas need improvement</i>	<i>Some areas meet expectations, but most areas need improvement</i>	<i>All areas meet expectations —few areas need improvement</i>	<i><u>Exemplary</u>—all areas exceed expectations—use as a model for other programs</i>
		X	
Additional Comments: (optional)			





## SELF-STUDY CATEGORY RESULTS

Program and Category			
<b>Program: Farm Business and Production Management</b>			
<b>Category: Assessment of Student Learning</b>			
PLUSES (Strengths)		DELTAS (Opportunities)	
<b>Course assessment done individually with student during on farm instruction and evaluation.</b>			
Select one PLUS item and explain the root cause:	<b>Course assessment done individually with student during on farm instruction and evaluation. Instructors are tailoring assessments with regard to the personal nature of the farm and its unique circumstances while protecting student confidentiality.</b>		
Select one DELTA item and explain the root cause:			
What items in this category MUST be addressed on our improvement plan?			
What items in this category MIGHT be addressed on the improvement plan?			
What items in this category may be considered a BEST PRACTICE OR INNOVATION?	<b>Course assessment done individually with student during on farm instruction and evaluation. Instructors are tailoring assessments with regard to the personal nature of the farm and its unique circumstances while protecting student confidentiality.</b>		
Team Rating			
Please indicate by an (X) the team rating of your program on this category.			
<i>All areas need improvement</i>	<i>Some areas meet expectations, but most areas need improvement</i>	<i>All areas meet expectations —few areas need improvement</i>	<i><u>Exemplary</u>—all areas exceed expectations—use as a model for other programs</i>
		X	
Additional Comments: (optional)			



## SELF-STUDY CATEGORY RESULTS

Program and Category			
<b>Program: Farm Business and Production Management</b>			
<b>Category: Advisory Committees</b>			
PLUSES (Strengths)		DELTAS (Opportunities)	
<p><b>-Make up of committee is representative of the farming industry.</b></p> <p><b>-Advisory committee members review and approve course material for the following year.</b></p> <p><b>-The Program Review was shared with the advisory committee the next year.</b></p>		<p><b>-Stagnation in committee membership for last three years.</b></p> <p><b>-Representation from Student Services is lacking at advisory committee meetings.</b></p>	
Select one PLUS item and explain the root cause:	<b>Make up of committee is representative of the farming industry. The committee is made up of livestock and crop farmers, industry people, lenders, nutritionist, and an agronomist.</b>		
Select one DELTA item and explain the root cause:	<b>Representation from Student Service is lacking at advisory committee meetings. Invitation to Student Service members will continue to be extended in hopes of participation.</b>		
What items in this category <b>MUST</b> be addressed on our improvement plan?	<b>Representation from Student Service is lacking at advisory committee meetings. Invitation to Student Service members will continue to be extended in hopes of participation.</b>		
What items in this category <b>MIGHT</b> be addressed on the improvement plan?	<b>Stagnation in committee membership for last three years.</b>		
What items in this category may be considered a <b>BEST PRACTICE OR INNOVATION?</b>	<b>Make up of committee is representative of the farming industry. The committee is made up of livestock and crop farmers, industry people, lenders, nutritionist, and an agronomist.</b>		
Team Rating			
Please indicate by an <b>(X)</b> the team rating of your program on this category.			
<i>All areas need improvement</i>	<i>Some areas meet expectations, but most areas need improvement</i>	<i>All areas meet expectations —few areas need improvement</i>	<i><u>Exemplary</u>—all areas exceed expectations—use as a model for other programs</i>
		X	
Additional Comments: (optional)			



## SELF-STUDY CATEGORY RESULTS

Program and Category			
<b>Program: Farm Business and Production Management</b>			
<b>Category: Equipment and Facilities</b>			
PLUSES (Strengths)		DELTAS (Opportunities)	
<b>-Minimal needs for equipment.</b> <b>-Offsite facilities allow for classroom instruction localized to students' farm businesses.</b> <b>-On farm instruction eliminates the need for lab simulation and allows customized adaptation to each student's needs and their farm.</b>		<b>-Classroom technology limited at some locations.</b>	
Select one PLUS item and explain the root cause:	<b>On farm instruction eliminates the need for lab simulation and allows customized adaptation to each student's needs and their farm. The purchase of a lab and equipment is not necessary. Instruction is customized to each farm and their unique circumstance.</b>		
Select one DELTA item and explain the root cause:	<b>Classroom technology limited at some locations. Some classrooms are not designed to be used as an adult instructional environment and technology is sometimes limited. (internet, lightening, acoustics)</b>		
What items in this category <b>MUST</b> be addressed on our improvement plan?			
What items in this category <b>MIGHT</b> be addressed on the improvement plan?	<b>Classroom technology limited at some locations. Some classrooms are not designed to be used as an adult instructional environment and technology is sometimes limited. (internet, lightening, acoustics)</b>		
What items in this category may be considered a <b>BEST PRACTICE OR INNOVATION?</b>	<b>On farm instruction eliminates the need for lab simulation and allows customized adaptation to each student's needs and their farm. The purchase of a lab and equipment is not necessary. Instruction is customized to each farm and their unique circumstance.</b>		
Team Rating			
Please indicate by an ( <b>X</b> ) the team rating of your program on this category.			
<i>All areas need improvement</i>	<i>Some areas meet expectations, but most areas need improvement</i>	<i>All areas meet expectations —few areas need improvement</i>	<i><u>Exemplary</u>—all areas exceed expectations—use as a model for other programs</i>
		X	
Additional Comments: (optional)			



## SELF-STUDY CATEGORY RESULTS

Program and Category			
<b>Program: Farm Business and Production Management</b> <b>Category: Staff Development and Program Innovation</b>			
PLUSES (Strengths)		DELTAS (Opportunities)	
-Instructors maintain a high level of continuing education. -On farm instruction lends itself to staying current with emerging technology. -Instructors work closely with industry leaders in the area to stay current. -Goals, reviews and ILPs are done on an annual basis.			
Select one PLUS item and explain the root cause:	<b>On farm instruction lends itself to staying current with emerging technology. Working directly with farmers on their own farm (lab) allows for first-hand knowledge and experience with emerging technology. Instructors bring education directly to the workplace.</b>		
Select one DELTA item and explain the root cause:			
What items in this category MUST be addressed on our improvement plan?			
What items in this category MIGHT be addressed on the improvement plan?			
What items in this category may be considered a BEST PRACTICE OR INNOVATION?	<b>On farm instruction lends itself to staying current with emerging technology. Working directly with farmers on their own farm (lab) allows for first-hand knowledge and experience with emerging technology. Instructors bring education directly to the workplace.</b>		
Team Rating			
Please indicate by an (X) the team rating of your program on this category.			
<i>All areas need improvement</i>	<i>Some areas meet expectations, but most areas need improvement</i>	<i>All areas meet expectations —few areas need improvement</i>	<i><u>Exemplary</u>—all areas exceed expectations—use as a model for other programs</i>
			X
Additional Comments: (optional)			





## SELF-STUDY CATEGORY RESULTS

Program and Category	
<b>Program: Farm Business and Production Management</b> <b>Category: Collaboration Across the College</b>	
PLUSES (Strengths)	DELTAS (Opportunities)
<p><b>-Collaboration exist across the state for farm. training for curriculum, programming, software training. This group meets at a minimum of twice a year.</b></p> <p><b>-Utilize WITC instructors as guest speakers.</b></p> <p><b>-Monthly newsletter communicates program information to students, industry leaders and other WITC staff.</b></p> <p><b>-Referrals from community agencies and business leaders demonstrate the high regard with which this program is held.</b></p>	
Select one PLUS item and explain the root cause:	<b>Referrals from community agencies and business leaders demonstrate the high regard with which this program is held. The WITC program has an excellent reputation in the community. Community agencies, business leaders and farmers highly value the benefits of the program and efficient manner that the course is delivered.</b>
Select one DELTA item and explain the root cause:	
What items in this category MUST be addressed on our improvement plan?	
What items in this category MIGHT be addressed on the improvement plan?	
What items in this category may be considered a BEST PRACTICE OR INNOVATION?	<b>Referrals from community agencies and business leaders demonstrate the high regard with which this program is held. The WITC program has an excellent reputation in the community. Community agencies, business leaders and farmers highly value the benefits of the program and efficient manner that the course is delivered.</b>

### Team Rating

Please indicate by an (X) the team rating of your program on this category.

<i>All areas need improvement</i>	<i>Some areas meet expectations, but most areas need improvement</i>	<i>All areas meet expectations —few areas need improvement</i>	<i>Exemplary—all areas exceed expectations—use as a model for other programs</i>
			X
Additional Comments: (optional)			

## **PROGRAM FUTURE TRENDS**



Due to the unique nature of this program, the QRP and Perkins Scorecard Analysis is not required.

## FUTURE TRENDS AND EXTERNAL FACTORS

<b>Program</b>	<b>Farm Business and Production Management 30-090-1</b>
<b>Future Trends</b>	
•	Larger dairy operations
•	Technology impacting dairy industry
•	Increasing number of farm to market operations. Local produce growers are having a larger impact.
•	
•	
<b>Employment Trends</b>	
Local	Farmers having difficult time finding capable and willing labor for their operations. Many are employing workers from foreign labor force.
•	
•	
State	Increasing number of Food Cooperatives.
•	
•	
<b>External Factors</b>	
•	Financial support for farmers related to farm and education
•	Urban sprawl creates issues for farmers
•	Economy
•	Political changes which relate to the Federal Farm Bill
•	Climate and weather changes across our region and the United States
•	Exports and Imports which directly affect prices in our region
•	New governmental regulations which can affect farmers



# **IMPROVEMENT PLAN**





## ACADEMIC PROGRAM IMPROVEMENT PLAN

<b>PROGRAM:</b> Farm Business and Production Management 30-090-01					
<i>Defined Outcome:</i> Increased representation of Student Services to program advisory committee meetings.	QRP Indicator #	Perkins Indicator #	Responsibility	Timeline	Resources
<i>Action Plan/Action Items:</i> Invite Student Services to attend advisory committee meetings to ensure attendance.			Program Instructors Program Dean Dean of Students	2014-2016	N/A
<p><b>Update:</b> (A mid-year and year-end update will be required each year during implementation.)</p> <p><b>April 2015:</b> There was a change and a shift in the duties in Student Services this academic year for reporting the FBPM graduates. We did invite Tammy Thome and Tammy was in attendance for our FBPM meeting. She did the reporting of the grads this year and it worked very well for the year.</p> <p><b>March 2016:</b> Student services personnel will be invited to attend the Farm Business Advisory committee meeting scheduled for this April and the Dean of Students will be notified. They have been very supportive of the program in the past and we do expect either Tammy or Joannie to be in attendance.</p> <p><b>June 2016:</b> No status change with this action item. Student services always are very gret to work with on any FBPM issues which may arise. Ashland applications for this additional section are being processed currently to move their status to the program.</p> <p><b>January 2017:</b> We will continue to invite Student Services personnel to advisory committee meetings.</p>					

## ACADEMIC PROGRAM IMPROVEMENT PLAN

<b>PROGRAM:</b> Farm Business and Production Management 30-090-01					
<b>Defined Outcome:</b> WITC program statistics collected need to be modified. (Additional form business statistics.)	QRP Indicator #	Perkins Indicator #	Responsibility	Timeline	Resources
<b>Action Plan/Action Items:</b> <ul style="list-style-type: none"> <li>- Determine WITC additional program statistics that are needed.</li>   <li>- Request identified data for program.</li>   <li>- Analyze modified data for effectiveness.</li> </ul>			<b>Program Instructors</b> <b>Program Dean</b>	2015	N/A
			<b>Program Instructors</b> <b>Program Dean</b> <b>Dept of Institutional Effectiveness</b>	2015	
			<b>Program Instructors</b> <b>Program Dean</b>	2016	
<b>Update:</b> (A mid-year and year-end update will be required each year during implementation.) <span style="color: red;">April 2015:</span> Tuition assistance, which has always been earmarked in the State budget, was pulled during the 2013-2014 academic year and the WITC-Foundation provided scholarships which helped 100 students in this program. We just want it to be noted that we are a 6 year program so any and all of the one and two year technical diploma completion data does not relate to this program. <span style="color: blue;">March 2016:</span> The college does realize that some of the state data requirements for reporting does not fit the FBPM program. It was initially designed to fit the vast majority of the other technical diplomas. WITC has created their own set of measurable goals of data collection which seems to fit the FBPM program rather well. We will review these goals and will add additional goals when the program changes or if we see the need for additional data to be collected within a specific area. <span style="color: green;">June 2016:</span> No change in the action items as local means to measure program effectiveness have been implemented. <span style="color: purple;">January 2017:</span> This remains under review.					

## ACADEMIC PROGRAM IMPROVEMENT PLAN

<b>PROGRAM:</b> Farm Business and Production Management 30-090-01					
<b>Defined Outcome:</b> Special feature and admissions requirement on catalog page must be updated to reflect program requirements.	<b>QRP Indicator #</b>	<b>Perkins Indicator #</b>	<b>Responsibility</b>	<b>Timeline</b>	<b>Resources</b>
<b>Action Plan/Action Items:</b> Catalog page updated to meet actual program requirement for special feature and admissions requirements.			Program Instructors Curriculum Office	2014-2015	N/A
<p><b>Update:</b> (A mid-year and year-end update will be required each year during implementation.)</p> <p>April 2015: The webpage was updated to reflect the changes of the new 4 credit program offerings.</p> <p>March 2016: There is no change in this as the webpage has been updated to reflect the accurate course credit information. Jerry will be checking the links on the webpage to make sure these links are active and working as these items are great resources for our students.</p> <p>June 2016: Program webpage has been updated but will need the new instructor contact information added as of July 1, 2016.</p> <p>January 2017: New instructor information added as well as logo for being a preferred vendor of the USDA.</p>					