Wayne Community College Program Review and Outcome Assessments, 2018-19

Institutional Goal 2: Ensure Program Excellence Institutional Goal 3: Improve Student Success

Department Name: Computer-Integrated Machining

Mission/Purpose: The purpose of the Computer-Integrated Machining Program is to prepare students with the analytical, creative and innovative skills necessary to take a production idea from an initial concept through design, development, and production, resulting in a finished product that meets the parts specifications and tolerances.

Degrees, Diplomas, and Certificates Offered: List all degrees, diplomas, and certificates offered.

Computer-Integrated Machining (A50210)

Computer-Integrated Machining Diploma (D50210)

Computer-Integrated Machining - Basic Machining Certificate (C50210A)

Computer-Integrated Machining - Intermediate Machining Certificate (C50210B)

Computer-Integrated Machining - CNC Operator Certificate (C50210C)

Computer-Integrated Machining - CNC Programming Certificate (C50210D)

Computer-Integrated Machining – Coordinate Measuring Machine Certificate (C50210E)

Computer-Integrated Machining - Computer-Aided Manufacturing Certificate (C50210F)

Describe how the program's mission aligns with the College's vision, mission, core values, and strategic goals.

Graduates should qualify for employment in a variety of positions including manufacturing and drafting in industrial companies and other manufacturing organizations.

Activities to ensure curriculum currency (2015-16; 2016-17; 2017-18)

List program curriculum changes, revisions, deletions in table.

| Course Title | Date – Updated / Revised / Deleted |
|---|------------------------------------|
| No curriculum changes, revisions, deletions since | |
| 2015-16 Program Review | |

Provide an overview of the significance of the program changes and improvements that occurred over the past three years

There have been no significant program curriculum changes, revisions, deletions since 2015-16.

Advisory Committee: dates, summary of minutes, activities (2015-16; 2016-17; 2017-18)

Summary of Advisory Committee Activities

| Year | Meeting Dates Recommendations / Activities | | | |
|---------|--|--|--|--|
| 2015-16 | 12-9-15/7-14-16 | Implementing PMI/New machinery | | |
| 2016-17 | 12-8-16/3-15-17 | Introduced PMI/update Wayne Works Facility | | |
| 2017-18 | 11-1-17/5-1-18 | Implemented and Introduced AMI | | |

Describe program's participation with Advisory Committee or external organizations that contribute to maintaining program relevance. (File Advisory Committee Meeting Minutes for past three years in Program Review Attachment folder.)

Meet with Advisory Committee members at their facility and introduce students to actual working companies.

Analysis of trends in the field or industry

Provide narrative for analysis of trends in the field. (Are there jobs available for your students? Is there new technology/equipment that needs to be added to your program?)

Students have multiple job opportunities within the Machining industry. Trends are more CNC machining rather than manual machining. Although manual machining is still relevant.

Faculty Profile

List of Faculty and Status (2015-16; 2016-17; 2017-18)

| Faculty / Name | Full-Time / Part-Time |
|----------------|---------------------------------|
| Paul Compton | Full Time |
| Bailee Daniels | Full Time (Started Spring 2016) |
| Bailee Daniels | Part Time (Fall 2015) |
| Mark Barnett | Part Time (Fall 2015) |

Have all the faculty credentials been verified? (Verify required documents are in personnel files.)

Faculty credentials have been verified.

Faculty Contact and Credit Hours

| Faculty / Name | Full-Time | Summer 2015 | | Fall 2015 | | Spring 2016 | |
|----------------|-----------|-------------|--------|-----------|--------|-------------|--------|
| | Part-Time | Contact | Credit | Contact | Credit | Contact | Credit |
| Paul Compton | Full-Time | 8 | 4 | 17 | 10 | 22 | 10 |
| Bailee Daniels | Full-Time | | | | | 19 | 11 |
| Bailee Daniels | Part-Time | | | 11 | 7 | | |
| Mark Barnett | Part-Time | | | 12 | 6 | | |

| Faculty / Name | Full-Time Sumr | | Full-Time Summer 2016 | | Fall 2016 | | Spring 2017 | |
|----------------|----------------|---------|-----------------------|---------|-----------|---------|-------------|--|
| | Part-Time | Contact | Credit | Contact | Credit | Contact | Credit | |
| Paul Compton | Full-Time | 8 | 4 | 17 | 10 | 22 | 10 | |
| Bailee Daniels | Full-Time | | | 25 | 15 | 19 | 11 | |
| | | | | | | | | |

| Faculty / Name | | Full-Time | Summe | r 2017 | Fall 2 | 017 | Spring | 2018 |
|----------------|---------------------------|-----------|---------|---------------|---------|--------|---------|--------|
| | | Part-Time | Contact | Credit | Contact | Credit | Contact | Credit |
| Paul Compton | | Full-Time | 8 | 4 | 17 | 10 | 22 | 10 |
| Bailee Daniels | (1 st 8 weeks) | Full-Time | | | 25 | 15 | 19 | 11 |
| Howard Gilbert | (2 nd 8 weeks) | Part-Time | | | 25 | 15 | | |

Faculty Demographics (2015-16; 2016-17; 2017-18)

| | # Employees | Avg. Years of Service | % of Classes Taught By |
|-----------|-------------|-----------------------|------------------------|
| Full-Time | 2 | 28 | 100% |
| Part-Time | 3 | 1 | 30% |

Provide narrative for adequacy of faculty numbers. (Do you have enough faculty to support your program?) We have enough faculty members at this time. Although in the near future we are looking to have lab assistants added to help us with specific classes.

Professional development activities of faculty (2015-16; 2016-17; 2017-18)

Verify departmental professional development (PD) tracking logs are completed and filed in Program Review Professional Development folder.

These have been verified.

Student Demographics

| Gender (A50210) Unduplicated | | | | | | | |
|------------------------------|-------|----|----|--|--|--|--|
| Academic Year | Total | | | | | | |
| 2015-2016 | 5 | 40 | 45 | | | | |
| 2016-2017 | 7 | 33 | 40 | | | | |
| 2017-2018 | 5 | 28 | 33 | | | | |

| Gender (D50210) Unduplicated | | | | | | |
|---------------------------------|---|---|---|--|--|--|
| Academic Year Female Male Total | | | | | | |
| 2015-2016 | 0 | 0 | 0 | | | |
| 2016-2017 | 0 | 0 | 0 | | | |
| 2017-2018 | 0 | 0 | 0 | | | |

| Gender (C50210) Unduplicated | | | | | | |
|---------------------------------|---|---|---|--|--|--|
| Academic Year Female Male Total | | | | | | |
| 2015-2016 | 0 | 0 | 0 | | | |
| 2016-2017 | 0 | 2 | 2 | | | |
| 2017-2018 | 0 | 1 | 1 | | | |

| Ethnicity (A50210) Unduplicated | | | | | | | | | |
|---------------------------------|--------------------|---------------------|---------------------------------|----------|-----------|----------------------------------|-------|--|--|
| Academic Year | American Indian | African American | Asian or Pacific Islander | Hispanic | Caucasian | Other / Unknown / Multiple | Total | | |
| 2015-2016 | 0 | 10 | 0 | 3 | 32 | 0 | 45 | | |
| 2016-2017 | 0 | 6 | 1 | 6 | 26 | 1 | 40 | | |
| 2017-2018 | 0 | 6 | 1 | 4 | 21 | 1 | 33 | | |

| Ethnicity (D50210) Unduplicated | | | | | | | | |
|---------------------------------|--------------------|---------------------|---------------------------------|----------|-----------|----------------------------------|-------|--|
| Academic Year | American Indian | African American | Asian or Pacific Islander | Hispanic | Caucasian | Other / Unknown / Multiple | Total | |
| 2015-2016 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2016-2017 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2017-2018 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

| Ethnicity (C50210) Unduplicated | | | | | | | | |
|---------------------------------|--------------------|---------------------|---------------------------------|----------|-----------|----------------------------------|-------|--|
| Academic Year | American Indian | African American | Asian or Pacific Islander | Hispanic | Caucasian | Other / Unknown / Multiple | Total | |
| 2015-2016 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2016-2017 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | |
| 2017-2018 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | |

| Age Groups (A50210) Unduplicated | | | | | | | |
|----------------------------------|----------|-------------|-------------|-------------|--------------|-------|--|
| Academic | Under 18 | 18-24 years | 25-34 years | 35-44 years | 45 and older | Total | |
| Year | | | | | | | |
| 2015-2016 | 0 | 22 | 17 | 2 | 4 | 45 | |
| 2016-2017 | 0 | 19 | 13 | 6 | 2 | 40 | |
| 2017-2018 | 0 | 16 | 8 | 3 | 6 | 33 | |

| Age Groups (D50210) Unduplicated | | | | | | | | |
|----------------------------------|----------|-------------|-------------|-------------|--------------|-------|--|--|
| Academic | Under 18 | 18-24 years | 25-34 years | 35-44 years | 45 and older | Total | | |
| Year | | | | | | | | |
| 2015-2016 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 2016-2017 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 2017-2018 | 0 | 0 | 0 | 0 | 0 | 0 | | |

| Age Groups (C50210) Unduplicated | | | | | | | | |
|----------------------------------|----------|-------------|-------------|-------------|--------------|-------|--|--|
| Academic | Under 18 | 18-24 years | 25-34 years | 35-44 years | 45 and older | Total | | |
| Year | | | | | | | | |
| 2015-2016 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 2016-2017 | 0 | 2 | 0 | 0 | 0 | 2 | | |
| 2017-2018 | 0 | 1 | 0 | 0 | 0 | 1 | | |

Provide narrative for analysis of student demographics. (Are you satisfied with your program demographics? Do you have a diverse population of students?)

Majority of students are white, male and between the ages of 18-24. There is room for advancement for females in the program. The goal is to have a more equitable balance of student demographics in the program.

Program Enrollment (Fall, Spring, Summer)

| Program Enrollment (A50210) Unduplicated | | | | | | |
|--|------------|----------------|--|--|--|--|
| Year | Enrollment | 3-Year Average | | | | |
| 2015-16 | 45 | 48 | | | | |
| 2016-17 | 40 | 45 | | | | |
| 2017-18 | 33 | 39 | | | | |

| Program Enrollment (D50210) Unduplicated | | | | | | |
|--|------------|----------------|--|--|--|--|
| Year | Enrollment | 3-Year Average | | | | |
| 2015-16 | 0 | 1 | | | | |
| 2016-17 | 0 | 0 | | | | |
| 2017-18 | 0 | 0 | | | | |

| Program Enrollment (C50210) Unduplicated) | | | | | | |
|---|------------|----------------|--|--|--|--|
| Year | Enrollment | 3-Year Average | | | | |
| 2015-16 | 0 | 2 | | | | |
| 2016-17 | 2 | 1 | | | | |
| 2017-18 | 1 | 1 | | | | |

Provide narrative for analysis of program enrollment. (Is enrollment increasing or decreasing? What possible reasons for increase/decrease? Describe how you plan to address program enrollment.)

4-year Average has dropped due to a more favorable job market. Communicating with local employers to encourage formal education before hiring to indicate the importance of students completing their degree or certification.

Program Outcomes

Retention

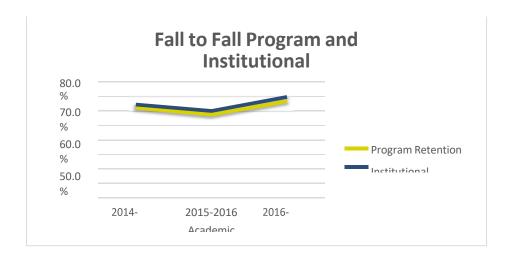
Baseline: 62% (Average of last three years – 2014-15; 2015-16; 2016-17, <u>fall-to-fall</u> program retention)

Standard: 64% Target: 67%

Data/Results:



| Year | Fall | Grads | Return | Non- | Program | New | Institutional |
|-----------|------------|-------|--------|------------|-----------|---------|---------------|
| | Enrollment | | | Completers | Retention | Program | Retention |
| 2014-2015 | 45 | 8 | 20 | 16 | 62.2% | 1 | 64.4% |
| 2015-2016 | 40 | 3 | 20 | 16 | 57.5% | 1 | 60.0% |
| 2016-2017 | 33 | 12 | 10 | 10 | 66.7% | 1 | 69.7% |



Fall-to-Spring

| ^e Year | Fall Enrollment | Grads | Return | Non- Completers | Program Retention | New Program | Institutional Retention |
|-------------------|--------------------|-------|--------|--------------------|----------------------|----------------|----------------------------|
| 2015-2016 | 40 | 0 | 33 | 7 | 82.5% | 0 | 82.5% |
| 2016-2017 | 33 | 1 | 23 | 9 | 72.7% | 0 | 72.7% |
| 2017-2018 | 27 | 1 | 23 | 3 | 88.9% | 0 | 88.9% |



Program Review and Outcome Assessment, 2018-19

Provide narrative for analysis of program retention. (Based on the data, provide a narrative of your analysis of <u>fall to fall</u> retention. Indicate factors that may have affected your retention. State any changes you plan to address for next year that may affect / increase your retention.)

2-year Associates Degree Program that starts in a Fall Semester and ends in the second Spring semester. Summer has an inherent negative reflection on a Fall to Fall data chart. Fall to Spring reflects a 2-year average of 67.5%. Planning on implementing more trips to local shops to show the students different companies to keep them interested and to help with retention. Students are also working in industry as they go to school.

Provide narrative for analysis of standard/target. (As a result of the data analysis, indicate changes to the standard or target. Did you meet your standard/target? If you met your standard/target, what percentage would you like to increase your standard/target? Please provide an overall analysis of the results of your standard/target. Provide percentage of increase/decrease.)

New program retention standard and target was set based on the three-year baseline data from 2014-15, 2015-16, and 2016-17 fall to fall retention.

Completions

Baseline: 17 (*Average of last three years – 2015-16; 2016-17; 2017-18*)

Standard: 19 Target: 26

Data/Results:

| Number of Graduates (Completions) Unduplicated | | | | | | | |
|--|--------|---------|-------------|-------|--|--|--|
| | Degree | Diploma | Certificate | Total | | | |
| 2015-16 | 5 | 0 | 7 | 12 | | | |
| 2016-17 | 12 | 0 | 4 | 16 | | | |
| 2017-18 | 10 | 0 | 14 | 24 | | | |

Provide narrative for analysis of completions. (Are you satisfied with your completion rates? How might you increase your completion rates?

Student certifications will be prioritized.

Provide narrative for analysis of standard/target. (As a result of the data analysis, indicate changes to the standard or target. Did you meet your standard/target? If you met your standard/target, what percentage would you like to increase your standard/target? Please provide an overall analysis of the results of your standard/target. Provide percentage of increase/decrease.)

Narrative

New completion standard and target was set based on the three-year baseline data from 2015-16, 2016-17, and 2017-18.

Job Placement / Employment (to be provided by program)

Baseline: 124% (Average number employed an/or seeking more education for the last three years –

2015- 16; 2016-17; 2017-18)

Standard: 126% Target: 128%

Data/Results:

| Employmer | Employment Demand | | | | | | | |
|-----------|-------------------|-----------------------------|---|--|---------|----------------|--|--|
| Year | Graduates | # Employed (within 1 Yr) | # Seeking More Education (within 1 Yr) | % Employed & Seeking More Education | Unknown | Other/Comments | | |
| 2015-16 | 12 | 12 | 3 | 125% | | | | |
| 2016-17 | 16 | 14 | 5 | 119% | | | | |
| 2017-18 | 24 | 20 | 11 | 129% | | | | |

Provide narrative for analysis of job placement rates. (Are students finding jobs within the program of study?) (How can your program promote higher employment of students in the field?)

Every student that has actively sought employment in CIM has been successful in finding employment.

Provide narrative for analysis of standard/target. (As a result of the data analysis, indicate changes to the standard or target. Did you meet your standard/target? If you met your standard/target, what percentage would you like to increase your standard/target? Please provide an overall analysis of the results of your standard/target. Provide percentage of increase/decrease.)

New employment demand standard and target was set based on the three-year baseline data from 2015-16, 2016-17, and 2017-18. Please note that graduates are employed within one year, while seeking more education. Therefore, the percent employed and seeking more education exceeds 100%.

Provide narrative for analysis of Labor Market Data. (Review Labor Market Data provided and provide an assessment of the data.)

Market data indicates a 2.09% job growth and the median hourly earnings \$17.74/hr.

Licensure and Certification Passing Rates (if applicable)

Baseline: (Average of last three years; identify last three licensure years)

Standard: Target:

Data/Results: Not applicable for the Computer-Integrated Machining program.

Licensure / Certification Exam - Title

| Year | # Tested | % Passing |
|---------|----------|-----------|
| 2010-11 | | |
| 2012-13 | | |
| 2013-14 | | |
| 2014-15 | | |
| 2015-16 | | |
| 2016-17 | | |

Provide narrative for analysis of licensure / certification passing rates. (Are you satisfied with your program licensure rates?)

Not applicable.

Provide narrative for analysis of standard/target. (As a result of the data analysis, indicate changes to the standard or target. Did you meet your standard/target? If you met your standard/target, what percentage would you like to increase your standard/target? Please provide an overall analysis of the results of your standard/target. Provide percentage of increase/decrease.)

Not applicable.

Third-Party Credentials (if applicable)

Baseline: 84 # (Average number of completers for the last three years – 2015-16; 2016-17; 2017-18)

Standard: 88 Target: 92

Data/Results:

Third-Party Credentials

| Year | Credentials for Program of Study | # Tested | # Completers |
|---------|----------------------------------|----------|--------------|
| | | | |
| | PMI Tape and Rule | 10 | 10 |
| | PMI Slide Caliper | 10 | 10 |
| | PMI Gage Measurement | 10 | 10 |
| | PMI Angle Measurement | 10 | 10 |
| | PMI Micrometer Measurement | 10 | 10 |
| | PMI Dial Gage Measurement | 10 | 10 |
| 2015-16 | | | |
| | PMI Tape and Rule | 11 | 11 |
| | PMI Slide Caliper | 11 | 11 |
| | PMI Gage Measurement | 11 | 11 |
| | PMI Angle Measurement | 11 | 11 |

| | PMI Micrometer Measurement | 11 | 11 |
|---------|--|----|----|
| 2016-17 | PMI Dial Gage Measurement | 11 | 11 |
| | PMI Tape and Rule | 19 | 19 |
| | PMI Slide Caliper | 19 | 19 |
| | PMI Gage Measurement | 19 | 18 |
| | PMI Angle Measurement | 19 | 18 |
| | PMI Micrometer Measurement | 19 | 18 |
| | PMI Dial Gage Measurement | 19 | 16 |
| | AMI Primary Standards | 5 | 5 |
| | AMI Flexible Measuring Tools | 5 | 5 |
| | AMI Support and Layout | 5 | 5 |
| | AMI Surface Finish Inspection and Hardness | 5 | 5 |
| 2017-18 | | | |

Provide narrative for analysis of third-party credentials. (Are there other industry-recognized credentials that needs to be addressed for the program of study?) (What are other means to promote program third-party credentials?)

We are going to start including more AMI Certifications which is more advanced than our PMI Certifications beginning in Fall 2019.

Provide narrative for analysis of standard/target. (As a result of the data analysis, indicate changes to the standard or target. Did you meet your standard/target? If you met your standard/target, what percentage would you like to increase your standard/target? Please provide an overall analysis of the results of your standard/target. Provide percentage of increase/decrease.)

We would like to increase our standard and target by 5% each.

New third-party credential standard and target was set based on the three-year baseline data from 2015-16, 2016-17, and 2017-18.

Course Success

Analysis of student success in courses (2015-16; 2016-17; 2017-18)

Provide narrative for analysis of student success in courses. (Ex – Are more students successful in online courses versus traditional? Are students more successful in certain courses?)

Students are more successful in traditional courses where hands-on Labs are prioritized.

Analysis of student success in distance learning courses (2015-16; 2016-17; 2017-18)

| Course Success Rates by Method of Instruction | | | | |
|---|------------|------------------|-----------|-----------------------|
| Semester | Department | Course Number | % Success | Method of Instruction |
| Fall 2015 | MAC | 131 | 100% | Hybrid |
| Fall 2015 | MAC | 143 | 88% | Hybrid |
| Fall 2015 | MAC | 151 | 78% | Hybrid |
| Fall 2015 | MAC | 121 | 95% | Traditional |
| Fall 2015 | MAC | 141 | 92% | Traditional |
| Fall 2015 | MAC | 160 | 60% | Traditional |
| Fall 2015 | MAC | 171 | 90% | Traditional |
| Fall 2015 | MAC | 172 | 90% | Traditional |
| Fall 2015 | MAC | 228 | 100% | Traditional |

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| Summer 2018 | MAC | 122 | 100% | Traditional |
|----------------|-----|-----|------|-------------|
| Summer 2018 | MAC | 222 | 94% | Traditional |
| | | | | |

Provide narrative for analysis of student success in distance learning courses. (Are distance education course success rates equivalent to the success rates for other methods of instruction?)

Distance Learning courses are not a part of the curriculum. However, students in hybrid courses had an average of 90% course success; students in traditional courses averaged 93% course success; and students in web-supported courses had a 96% course success rate.

Analysis of Program Learning Outcomes (PLO) (2015-16; 2016-17; 2017-18)

- Document PLO cycle for the next four years (2018-19, 2019-20, 2020-21, and 2021-22) in the table below.
- File program learning outcome reports for the past three years (2015-16, 2016-17, and 2017-18) in the Program Review Attachment folder.
- Document changes to the program learning outcomes and/or assessment cycle.

| Assessment Cycle | Program Learning Outcomes | |
|------------------|---|--|
| 2018-19 | PLO#3 Collected in FALL 2018/Analyzed SP 2019 | |
| 2019-20 | PLO#2 | |
| 2020-21 | PLO#1 | |
| 2021-22 | PLO#3 | |

Other Assessments

Analysis of graduate survey data (2015-16; 2016-17; 2017-18)

Provide narrative for analysis of program-specific graduate survey data. (What did you learn from the results? What did your graduates indicate needed to be revised within your program?)

No new information was learned from the survey.

Analysis of employer survey data (2015-16; 2016-17; 2017-18)

Provide narrative for analysis of program-specific employer survey data. (What did employers indicate needs improvement within your program (equipment, facilities, program offerings/certificates?)

No new information was learned from the survey.

External Reviews

In addition to SACSCOC, is there an accrediting body specifically related to the program? If so, please name the professional organization, describe the program's current status, and most recent date of accreditation. Not applicable

Resources

Program facilities - location and adequacy

Provide narrative for program facilities adequacy and/or needs.

Additional space is needed in order to grow the program and adequately serve the needs of the students.

Library resources

Provide narrative for program library resources. (Are library resources adequate for your program?) Library resources are adequate.

Planning Objectives (2015-16; 2016-17; 2017-18)

- Verify previous year's prioritized planning objectives end-of-year status reports are filed in Program Review Planning Objective EOY (End of Year) Status Reports folder.
- Provide a summary of planning objectives submitted for the last three years, including the use of results, of the planning objectives in the table provided.

Summary of Planning Objectives

| Planning Year | Objective(s) Submitted | Use of Results |
|---------------|---|--------------------------------|
| 2015-16 | Manual Lathes | Received, Installed, Utilizing |
| | HAAS CNC Turning Centers | (Received using Grant funds) |
| 2016-17 | Abrasive Finishing Machine | Received, Installed, Utilizing |
| | HEPA Air Cleaning Filter System for Laser Engraver | Received, Installed, Utilizing |
| 2017-18 | Starrett AMI Tool Box | Received, Installed, Utilizing |

Overall analysis of the strengths of the program

Provide narrative for analysis of the strengths of the program.

Computer Integrated Machining program continuously monitors industry trends and alters curriculum according to industry change. Special speakers are being sought for new technology and applications. Trips are ongoing to new shops so students can get a wide variety of different types of machinery that is in industry. Local employers seek manual and CNC machinist and/or recommendations and applications.

Overall analysis of the weaknesses of the program

Provide narrative for analysis of the weaknesses of the program.

Students leave the program with limited field experience for job placement. Employers have to provide specific training on machining equipment and software they market resulting in students being required to work on appurtenances.

Recommendations

- Complete 2018-2019 Program/Service Review/Outcome Assessment Recommendation Worksheet to address action items from program review and outcome analysis with target date; and methods to assess action items.
- File Review/Outcome and Assessment Recommendation Worksheet in Recommendation and Follow-Up folder.
- Recommendation follow-up reports to be addressed spring semester following review year (2019-20 and 2020-21).

Recommendations from Program Review and Outcome Assessments

2018-2019 Program Review and Outcome Assessments Recommendations

(Address program outcome assessments that fall below the established standard and/or target and additional recommendations resulting from the review.)

| additional recommendations resulting fro | • | A |
|---|------------------------|--|
| Action Items (Identify action items as a | Target Date (Identify | Assessment of Action Items (State |
| result of your program/service review | your projected target | the methods of assessment; how you |
| and outcome assessment.) | date for completion of | plan to evaluate/assess the results of |
| | action items.) | the action items.) |
| Retention - | 2021-2022 Academic | Use Fall to Spring Program Retention |
| | Year | Data for a more comprehensive |
| Baseline = 62% | | analysis of Program Assessment |
| Standard = 64% | | |
| Target = 67% | | |
| | | |
| Completions - | 2021-2022 Academic | Use Fall to Summer Program |
| , | Year | Completions Data |
| Baseline = 17 | | |
| Standard = 19 | | |
| Target = 26 | | |
| Target - 20 | | |
| Job Placement (and/or seeking further | | |
| education) | | |
| education) | | |
| Coordinate Student –Employer | 2019 Summer | Follow up with Students that have |
| communications | 2013 341111161 | been employed after graduation |
| Communications | | been employed after graduation |
| Baseline = 124% | 2021-2022 Academic | Track student job placement in |
| Standard = 124% | Year | addition to students who seek further |
| | Tear | education (WCC Office of IE) |
| Target = 128% | | education (wee office of it) |
| | | |
| Licensure/Certification Passing Rates (if | N/A | N/A |
| applicable) - | | , |
| Not applicable. | | |
| | | |
| Additional Recommendation – | | |
| Third Party Credentials: | | |
| , | | |
| Baseline = 84 | 2021-2022 Academic | Track number of student 3 rd -party |
| Standard = 88 | Year | credentials awarded |
| Target = 92 | | |
| | | |
| Additional Recommendation - | Fall 2019 | Monitor students in each module of |
| Use Moodle as a supplemental | | Moodle |
| instruction resource | | |
| | | |
| | | |

Approvals

- Using DocuSign (electronic signature), the Office of Institutional Effectiveness (IE) will review the Program/Service Review and Outcome Assessments when completed by the responsible program/service personnel. The Office of Institutional Effectiveness will forward the review documents to the appropriate administrator upon completion.
- Using DocuSign (electronic signature), appropriate Vice President/Associate Vice President is asked to review and approve the Service Review and Outcome Assessment and Recommendations as submitted.

| IE Acceptance / Date: Administrator Approva | Dorothy Moore | | 5/14/2019 |
|---|-----------------|-----------------|-----------|
| | C63FA9C7DD30473 | atty Phiffer | 5/7/2020 |
| • • | | 6FEB32F14792429 | |