
Findings By Assessment Method
Oklahoma State University Technical Branch-Okmulgee
Information Technologies Division

Objective: **OSU-Okmulgee Core Objective 1 - Communication** - Effectively communicate electronically, verbally and in writing. [\[Hide Objective Detail\]](#)

Programs: Information Assurance and Forensics, BT
Information Technologies, AAS
Information Technologies, AS

Start Date: 09/06/2004
End Date: 08/24/2005
Status: Completed

Assessment Evaluation: The faculty and staff of the Information Technologies Division will meet each year, beginning in 2005, to review the data which has been collected to determine if any adjustments need to be made to the curriculum, the assessment methods or data gathering processes related to this objective. The resulting actions will be documented in the annual assessment report.

Related Courses: **ENGL 1113** - Freshman Composition I [View Syllabus](#)
ENGL 1213 - Freshman Composition II [View Syllabus](#)
ITD 2800 - Internship [View Syllabus](#)
ITD 4800 - Internship* [View Syllabus](#)
SPCH 1113 - Introduction to Speech Communications [View Syllabus](#)

Assessment Methods

Method	Criterion	Schedule	Action Plan
Faculty will review printed and electronically stored copies of samples of writing and presentations to determine if students have demonstrated their ability to communicate effectively using standard evaluation procedures.	80% of all IT graduates, of any specialization, will demonstrate their ability to communicate electronically, verbally and in writing with an accuracy of 74% (or above).	Students will provide printed and electronically stored copies of "required" samples of writing and presentations in their IT Student Portfolio to be evaluated during the student's fourth semester or prior to entering an internship experience.	Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.
Faculty will review	80% of all IT	Students will provide	Data gathered will be

<p>printed and electronically stored copies of samples of writing and presentations to determine if students have demonstrated their ability to communicate effectively using standard evaluation procedures.</p>	<p>graduates, of any specialization, will demonstrate their ability to communicate electronically, verbally and in writing with an accuracy of 74% (or above).</p>	<p>printed and electronically stored copies of "required" samples of writing and presentations in their IT Student Portfolio to be evaluated during the student's fourth semester or prior to entering an internship experience.</p>	<p>used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.</p>
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Findings

Finding	Action Taken	Follow-Up	Resolved
<p>08/26/2005 -- Core Objective 1 - Communication 2004 Cohort Formative DESCRIPTION: Using the data collected from SCT, we have found that 78% of program majors taking this assessment in the ENGL 1113 - Freshman Comp. I course achieved the recommended level of performance. TYPE: Problem / Limitation NOTES: Since the performance level was below the expectations we have started looking into the requirements for this assessment to determine if there are any changes that need to be made. One of the actions that have been undertaken is to encourage all faculty to record the assessment</p>			<p>No</p>

data, using the proper coding structure, for all sections of their classes upon the conclusion of the semester.

08/25/2005 -- Core Objective 1 - Communication 2003 Cohort Summative
DESCRIPTION: Using the data collected from the SCT we have found that 96% of program majors taking this assessment in the ENGL 1113 - Freshman Comp I course achieved the recommended level of performance.
TYPE: Distinction / Strength
Related Data:
[View File](#) - SPRING 2006 GRADUATE ASSESSMENT ANALYSIS

08/25/2005 -- A standard assessment method will be developed for all academic programs allowing for the assessment of all students regardless of program using the measurements.

No

Objective: **OSU-Okmulgee Core Objective 2 - Problem Solving** - Demonstrate logical, systematic problem-solving techniques. [\[Hide Objective Detail\]](#)

Programs: Information Assurance and Forensics, BT
Information Technologies, AAS
Information Technologies, AS

Start Date: 09/06/2004
End Date: 08/24/2005
Status: Completed
Assessment The faculty and staff of the Information Technologies Division will

Evaluation: meet each year, beginning in 2005, to review the data which has been collected to determine if any adjustments need to be made to the curriculum, the assessment methods or the data gathering processes related to this objective. The resulting actions will be documented in the annual assessment report.

- Related Courses: **ITD 2613** - IT Project Management [View Syllabus](#)
ITD 2623 - Applied Research & Development [View Syllabus](#)
ITD 2800 - Internship [View Syllabus](#)
ITD 4113 - IT Project Management (Capstone Course) [View Syllabus](#)
ITD 4123 - Applied Research and Development (Capstone Course) [View Syllabus](#)
ITD 4800 - Internship* [View Syllabus](#)
MATH 1513 - College Algebra [View Syllabus](#)
MATH 3103 - Discrete Mathematics [View Syllabus](#)
PHIL 1313 - Introduction to Logic [View Syllabus](#)
STAT 2013 - Elementary Statistics [View Syllabus](#)

Assessment Methods

Method	Criterion	Schedule	Action Plan
Faculty will review printed and electronically stored copies of samples of problem solving solutions to determine if students have demonstrated their ability to utilize logical, systematic problem-solving techniques.	80% of all IT graduates, of any specialization, will demonstrate their ability to demonstrate logical, systematic problem-solving techniques with an accuracy of 74% (or above).	Student will provide printed and electronically stored copies of "required" samples of solutions to projects and or case studies in their IT Student Portfolio to be evaluated during the student's fourth semester or prior to entering an internship experience.	Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.

<p>Faculty will evaluate the Capstone Presentation and Final Project Documentation to determine if students have demonstrated their ability to utilize logical, systematic problem-solving techniques.</p>	<p>80% of all IT graduates, of any specialization, will demonstrate their ability to utilize logical, systematic problem-solving techniques with an accuracy of 74% (or above).</p>	<p>The evaluation will occur during the student's final semester of their program of study.</p>	<p>Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.</p>
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Findings

Finding	Action Taken	Follow-Up	Resolved
<p>08/25/2005 -- Core Objective 2 - Problem Solving 2003 Cohort Summative DESCRIPTION: Using the data collected from SCT we found that the faculty did not enter the data regarding this assessment. TYPE: Problem / Limitation NOTES: It is apparent that additional training may be called for to ensure that the faculty are entering the data properly when they are entering their final grades.</p>	<p>08/25/2005 -- Additional training concerning the assessmet plan and the processes to be used were held for each of the academic units on campus. This training stressed the importance of using the proper notaion (N, P, or F) in the assessment field for the final grades.</p>		<p>No</p>

<p>08/25/2005 -- Core Objective 2 - Problem Solving 2004 Cohort Formative DESCRIPTION: Using the data collected from SCT we have found that 100% of program</p>			<p>No</p>
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majors taking this assessment in the MATH 1513 - College Algebra course achieved the recommended level of performance.

TYPE: Problem / Limitation

NOTES: There is concern that the data is not showing a "true" result since the numbers shown in the report is so low (2 of 2). This area will be watched to determine if the data is being recorded accurately for the students taking the MATH 1513 - College Algebra course.

Objective: **OSU-Okmulgee Core Objective 3 - Ethics** - Develop and display a sense of personal, social and professional work ethics. [\[Hide Objective Detail\]](#)

Programs: Information Assurance and Forensics, BT
Information Technologies, AAS
Information Technologies, AS

Start Date: 09/06/2004

End Date: 08/24/2005

Status: Completed

Assessment Evaluation: The faculty and staff of the Information Technologies Division will meet each year, beginning in 2005, to review the data which has been collected to determine if any adjustments need to be made to the curriculum, the assessment methods or the data gathering processes related to this objective. The resulting actions will be documented in the annual assessment report.

Related Courses: **ITD 2613** - IT Project Management [View Syllabus](#)
ITD 2623 - Applied Research & Development [View Syllabus](#)
ITD 2800 - Internship [View Syllabus](#)

ITD 4113 - IT Project Management (Capstone Course) [View Syllabus](#)

ITD 4123 - Applied Research and Development (Capstone Course) [View Syllabus](#)

ITD 4800 - Internship* [View Syllabus](#)

PHIL 1213 - Ethics [View Syllabus](#)

Assessment Methods

Method	Criterion	Schedule	Action Plan
Faculty will review the required Code of Ethics Analysis assignment and reflective essay, as well as, printed and electronically stored copies of "required" samples of applied personal, social and professional ethics in the documentation of solutions to projects and or case studies to determine if students have demonstrated their ability to display a sense of personal, social and professional work ethics.	80% of all IT graduates, of any specialization, will demonstrate their ability to display a sense of personal, social and professional work ethics with an accuracy of 74% (or above).	Students will provide printed and electronically stored copies of "required" samples of solutions to projects and or case studies in their IT Student Portfolio to be evaluated during the student's fourth semester or prior to entering an internship experience.	Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.
Faculty will evaluate the Capstone Presentation and Final Project Documentation to determine if students have demonstrated their ability to develop and display a sense of personal, social and professional work ethics.	80% of all IT graduates, of any specialization, will have demonstrated personal, social and professional ethics 80% (or above) of the time on internship as assessed by their Internship Menoto on the standard Internship Evaluation form and by providing printed	The evaluation will occur during the student's final semester of their program of study.	Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.

and electronically stored copies of "required" samples of applied personal, social and professional ethics in the documentation of solutions to Capstone projects and or case studies in their IT Student Portfolio.

Findings

Finding	Action Taken	Follow-Up	Resolved
<p>08/25/2005 -- Core Objective 3 - Ethics 2003 Cohort Summative</p> <p>DESCRIPTION: There were not sufficient results for this assessment item to indicate our students' performance. The data provided in the report displayed results for only two students. One student completed the ethics assessment at or above the standard, and the other student did not.</p> <p>TYPE: Problem / Limitation</p> <p>NOTES: The results shown for this assessment clearly demonstrate the need for more instruction on entering the proper coding in the assessment field when instructors are entering their end-of-semester grade information on Web for Faculty.</p>	<p>02/24/2006 -- A campus-wide training effort was made by the Assessment Committee to provide clear instructions and demonstrations of how the assessment data was to be entered into SCT using the Web for Faculty interface.</p>		No

08/25/2005 -- Core Objective 3 - Ethics 2004 Cohort Formative
DESCRIPTION: Using the data collected from SCT we have found that 100% of program majors taking this assessment in the PHIL 1213 - Ethics course achieved the recommended level of performance.

TYPE: Problem / Limitation

NOTES: The results shown for this assessment clearly demonstrate the need for more instruction on entering the proper coding in the assessment field when instructors are entering their end-of-semester grade information on Web for Faculty.

02/24/2006 -- A campus-wide training effort was made by the Assessment Committee to provide clear instructions and demonstrations of how the assessment data was to be entered into SCT using the Web for Faculty interface.

No

Objective: **OSU-Okmulgee Core Objective 4 - History and Government -** Explain the cultural heritage and primary element of the history and government of the U.S. and its people, especially as it impacts one's industry or field of study. [\[Hide Objective Detail\]](#)

Programs: Information Assurance and Forensics, BT
Information Technologies, AAS
Information Technologies, AS

Start Date: 09/06/2004

End Date: 08/24/2005

Status: Completed

Assessment Evaluation: The faculty and staff of the Information Technologies Division will meet each year, beginning in 2005, to review the data which has been collected to determine if any adjustments need to be made to the curriculum, the assessment methods or the data gathering processes related to this objective. The resulting actions will be documented in the annual assessment report.

- Related Courses: **HIST 1483** - U.S. History to 1865 [View Syllabus](#)
HIST 1493 - U.S. History Since 1865 [View Syllabus](#)
ITD 2613 - IT Project Management [View Syllabus](#)
ITD 2623 - Applied Research & Development [View Syllabus](#)
ITD 4113 - IT Project Management (Capstone Course) [View Syllabus](#)
ITD 4123 - Applied Research and Development (Capstone Course) [View Syllabus](#)
POLS 1113 - U.S. Government [View Syllabus](#)

Assessment Methods

Method	Criterion	Schedule	Action Plan
Faculty will review printed and electronically stored copies of samples of problem solutions to determine if students have demonstrated their ability to explain the cultural heritage and primary elements of the history and government of the U.S. and its people, especially as it impacres the IT fields or specialties.	80% of all IT graduates, of any specialization, will demonstrate their ability to explain the cultural heritage and primary elements of the history and government of the U.S. and its people, especially as it impacres the IT fields or specialties with an accuracy of 74% (or above).	Students will provide printed and electronically stored copies of "required" samples of solutins to projects and or case studies in their IT Student Portfolio to be evaluated during the student's fourth semester or prior to entering an internship experience.	Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.
Faculty will evaluate the Capstone Presentation and Final Project Documentation to determin if students have demonstrated their ability to explain the cultural heritage and primary	80% of all IT graduates, of any specialization, will demonstrate their ability to explain the cultural heritage and primary elements of the history and government of the U.S. and its people,	The evaluation will occur during the student's final semester of their program of study.	Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on

elements of the history and government of the U.S. and its people, especially as it impacts one's industry or field of study.

especially as it impacts one's industry or field of study with an accuracy of 74% (or above).

TracDat's Findings form.

Findings

Finding	Action Taken	Follow-Up	Resolved
<p>08/25/2005 -- Core Objective 4 - History and Government 2003 Cohort Summative DESCRIPTION: Using the data collected from SCT we have found that 100% of program majors taking this assessment achieved the recommended level of performance. TYPE: Problem / Limitation NOTES: The number of students that had the data reported is very low. There were only five students that reported on in this report. There is a concern that the faculty reporting the information may not be reporting the assessment information correctly in SCT.</p>	<p>08/25/2005 -- A campus-wide training effort was made by the Assessment Committee to provide clear instructions and demonstrations of how the assessment data was to be entered into SCT using the Web for Faculty interface.</p>		No
<p>08/25/2005 -- Core Objective 4 - History and Government 2004 Cohort Formative DESCRIPTION: Using the data collected from</p>	<p>08/25/2005 -- A campus-wide training effort was made by the Assessment Committee to provide clear</p>		No

SCT we have found that 100% of program majors taking this assessment in the HIST 1483 - U.S. History to 1865 or HIST 1493 - U.S. History since 1865 courses achieved the recommended level of performance.

instructions and demonstrations of how the assessment data was to be entered into SCT using the Web for Faculty interface.

In addition to the findings from the two history courses, it was also found that 86% of program majors taking this assessment in the POLS 1113 - U.S. Government course achieved the recommended level of performance.

TYPE: Problem /
Limitation

NOTES: The number of students that had the data reported is very low. There was only one student that was reported on from the history courses and only seven students reported on from the government course in this report. There is a concern that the faculty reporting the information may not be reporting the assessment information correctly in SCT.

Objective: **OSU-Okmulgee Core Objective 5 - Technology** - Access and use technology appropriate to one's industry or field of study. [\[Hide Objective Detail\]](#)

Programs: Information Assurance and Forensics, BT
Information Technologies, AAS
Information Technologies, AS

Start Date: 09/06/2004

End Date: 08/24/2005

Status: Completed

Assessment Evaluation: The faculty and staff of the Information Technologies Division will meet each year, beginning in 2005, to review the data which has been collected to determine if any adjustments need to be made to the curriculum, the assessment methods or the data gathering processes related to this objective. The resulting actions will be documented in the annual assessment report.

Related Courses: **ITD 2613** - IT Project Management [View Syllabus](#)
ITD 2623 - Applied Research & Development [View Syllabus](#)
ITD 2800 - Internship [View Syllabus](#)
ITD 4113 - IT Project Management (Capstone Course) [View Syllabus](#)
ITD 4123 - Applied Research and Development (Capstone Course) [View Syllabus](#)
ITD 4800 - Internship* [View Syllabus](#)

Assessment Methods

Method	Criterion	Schedule	Action Plan
Faculty will review printed and electronically stored copies of samples of problem solutions to determine if students have demonstrated their ability to access and use technology within an organization.	80% of all IT graduates, of any specialization, will access and use technology appropriate for the various IT functions within an organization with an accuracy of 74% (or above).	Student will provide printed and electronically stored copies of "required" samples of solutions to projects and or case studies in their IT Student Portfolio to be evaluated during the student's fourth semester or prior to entering an internship experience.	Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.
Faculty will evaluate the Capstone Presentation and	80% of all IT graduates, of any specialization, will	The evaluation will occur during the student's final	Data gathered will be used to make inferences about the

Final Project Documentation to determine if students have demonstrated their ability to access and use technology appropriate to one's industry or field of study.	demonstrate their ability to access and use technology appropriate to one's industry or field of study with an accuracy of 74% (or above).	semester of their program of study.	program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.
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Findings

Finding	Action Taken	Follow-Up	Resolved
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08/25/2005 -- Core Objective 5 - Technology 2004 Cohort Formative
DESCRIPTION: Using the data collected from SCT we have found that 84% of program majors taking this assessment in the ITD 1013 - Fundamentals of Information Technologies course achieved the recommended level of performance.
TYPE: Distinction / Strength
NOTES: Since the performance level was above the expectedations, no conflict resolution was required.

Yes

08/25/2005 -- Core Objective 5 - Technology 2003 Cohort Summative
DESCRIPTION: There were no results collected for this assessment item

08/25/2005 -- A campus-wide training effort was made by the Assessment Committee to provide clear instructions and

No

on SCT.

TYPE: Problem /
Limitation

NOTES: There is concern since there was no data collected through SCT for this assessment item that the faculty may not have understood the reporting mechanism to be used or how to report the data.

demonstrations of how the assessment data was to be entered into SCT using the Web for Faculty interface.

This area will be watched to determine if the data is being recorded accurately for the students.

- Objective:** **Technical Program Objective 1 - Safety** - Follow safety policies and procedures as defined by industry. [\[Hide Objective Detail\]](#)
- Programs:** Information Assurance and Forensics, BT
Information Technologies, AAS
Information Technologies, AS
- Start Date:** 09/06/2004
- End Date:** 08/24/2005
- Status:** Completed
- Assessment Evaluation:** The faculty and staff of the Information Technologies Division will meet each year, beginning in 2005, to review the data which has been collected to determine if any adjustments need to be made to the curriculum, the assessment methods or the data gathering processes related to this objective. The resulting actions will be documented in the annual assessment report.
- Related Courses:** **ITD 1013** - Fundamentals of Information Technologies [View Syllabus](#)
ITD 1213 - Hardware Systems Support [View Syllabus](#)
ITD 2613 - IT Project Management [View Syllabus](#)
ITD 2623 - Applied Research & Development [View Syllabus](#)
ITD 2800 - Internship [View Syllabus](#)

ITD 4113 - IT Project Management (Capstone Course) [View Syllabus](#)

ITD 4123 - Applied Research and Development (Capstone Course) [View Syllabus](#)

ITD 4800 - Internship* [View Syllabus](#)

Assessment Methods

Method	Criterion	Schedule	Action Plan
Faculty will review the student's score on the required "comprehensive" safety exam as well as printed and electronically stored copies of samples of problem solutions to determine if student have demonstrated their ability to follow safety policies and procedures as defined by the IT industry.	100% of all IT graduates, of any specialization will demonstrate their ability to follow safety policies and procedures as defined by the IT industry with an accuracy of 100%.	Students will provide the results of the required "comprehensive" safety exam as well as printed and electronically stored copies of "required" samples of solutions to projects and or case studies in their IT Student Portfolio to be evaluated during the student's fourth semester or prior to entering an internship experience.	Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.
Faculty will evaluate the Capstone Presentation and Final Project Documentation to determine if students have demonstrated their ability to follow safety policies and procedures as defined by the IT industry.	100% of all IT graduates of any specialization, will demonstrate their ability to follow safety policies and procedures as defined by industry with an accuracy of 100%.	The evaluation will occur during the student's final semester of their program of study.	Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.

Findings

Finding	Action Taken	Follow-Up	Resolved
08/25/2005 -- Technical Program Objective 1 - Safety	08/25/2005 -- Dr. Mary Millikin and Daniel Claborn	03/13/2006 -- It has been observed that the accuracy of the data	Yes

DESCRIPTION: From the data collected in the IT Graduate Analysis Report, it has been determined that 100% of the IT graduates that had data collected for the assessment items relating to Safety from the ITD 1013- Fundamentals of Information Technologies and ITD 1213- Hardware Systems Support courses achieved the required score to pass this objective.

TYPE: Distinction / Strength

NOTES: The data shown in the IT Graduate Analysis Report was retrieved from the SCT system and reflects the entry of the assessment field by the faculty members grading the individual sections of the courses. It was apparent from the data that was collected that the initial utilization of the assessment field in SCT was not completely understood by all faculty members. This realization leads to the need for additional training of faculty in the use of the assessment field when final grades are entered into SCT.

Related Data:

[View File](#) - IT

provided additional training to the IT faculty and staff on the utilization of the assessment field in SCT on the Final Grade Reporting screen. This training included the used of the appropriate entries for this field:

P-to indicate the student passed the assessment, F-to indicate the student failed the assessment, and N-to indicate that no assessment data collected in this course.

It was again stressed that all faculty members will have to enter the appropriate entry when they are submitting their final grades in order to track the results of the assessment with the automated tools.

entry for the assessment field has improved.

Graduate Analysis
Report

Objective: **Technical Program Objective 2 - IT Security** - Analyze, evaluate and implement appropriate IT security measures. [\[Hide Objective Detail\]](#)

Programs: Information Assurance and Forensics, BT
Information Technologies, AAS
Information Technologies, AS

Start Date: 09/06/2004

End Date: 08/24/2005

Status: Completed

Assessment Evaluation: The faculty and staff of the Information Technologies Division will meet each year, beginning in 2005, to review the data which has been collected to determine if any adjustments need to be made to the curriculum, the assessment methods or the data gathering processes related to this objective. The resulting actions will be documented in the annual assessment report.

Related Courses: **ITD 1013** - Fundamentals of Information Technologies [View Syllabus](#)
ITD 1243 - Principles of Information Security [View Syllabus](#)
ITD 1353 - Web Programming and Development [View Syllabus](#)
ITD 2613 - IT Project Management [View Syllabus](#)
ITD 2623 - Applied Research & Development [View Syllabus](#)
ITD 4113 - IT Project Management (Capstone Course) [View Syllabus](#)
ITD 4123 - Applied Research and Development (Capstone Course) [View Syllabus](#)

Assessment Methods

Method	Criterion	Schedule	Action Plan
Faculty will review printed and electronically stored copies of samples of problem solutions to determine if students have demonstrated	80% of all IT graduates, of any specialization, will demonstrate their ability to analyze, evaluate and implement	Students will provide printed and electronically stored copies of "required" samples of solutions to projects and or case studies in their	Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions

their ability to analyze, evaluate and implement appropriate IT security measures.	appropriate IT security measures with an accuracy of 74% (or above).	IT Student Portfolio to be evaluated during the student's fourth semester or prior to entering an internship experience.	taken, and follow-up findings will be documented on TracDat's Findings form.
Faculty will evaluate the Capstone Presentation and Final Project Documentation to termine if students have demonstrated their ability to analyze, evaluate and implement appropriate IT security measures.	80% of all IT graduates, of any specialization, will demonstrate their ability to analyze, evaluate and implement appropriate IT security measures with an accuracy of 74% (or above).	The evaluation will occur during the student's final semester of their program of study.	Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.

Findings

Finding	Action Taken	Follow-Up	Resolved
<p>08/25/2005 -- Technical Program Objective 2 - IT Security</p> <p>DESCRIPTION: From the data collected in the IT Graduate Analysis Report, it has been determined that 100% of the IT graduates that had data collected for the assessment items relating to IT Security from the ITD 1013 ? Fundamentals of Information Technologies and ITD 1243-Principles of Information Security courses achieved the required score to pass this objective and 98.86% of the IT</p>	<p>08/25/2005 -- Dr. Mary Millikin and Daniel Claborn provided additional training to the IT faculty and staff on the utilization of the assessment field in SCT on the Final Grade Reporting screen. This training included the used of the appropriate entries for this field: P-to indicate the student passed the assessment, F-to indicate the student failed the assessment, and N-to indicate that no assessment data</p>	<p>03/13/2006 -- It has been observed that the accuracy of the data entry for the assessment field has improved.</p>	Yes

graduate that had data collected for the assessment items relating to IT Security from the ITD 1353-Web Programming and Development course achieved the required score to pass this objective.

TYPE: Distinction / Strength

NOTES: The data shown in the IT Graduate Analysis Report was retrieved from the SCT system and reflects the entry of the assessment field by the faculty members grading the individual sections of the courses. It was apparent from the data that was collected that the initial utilization of the assessment field in SCT was not completely understood by all faculty members. This realization leads to the need for additional training of faculty in the use of the assessment field when final grades are entered into SCT.

Related Data:

[View File](#) - IT Graduate Analysis Report

collected in this course.

It was again stressed that all faculty members will have to enter the appropriate entry when they are submitting their final grades in order to track the results of the assessment with the automated tools.

Objective: **Technical Program Objective 3 - IT Project Management** - Manage and/or support IT projects. [\[Hide Objective Detail\]](#)

Programs: Information Assurance and Forensics, BT
Information Technologies, AAS
Information Technologies, AS

Start Date: 09/06/2004

End Date: 08/24/2005

Status: Completed

Assessment Evaluation: The faculty and staff of the Information Technologies Division will meet each year, beginning in 2005, to review the data which has been collected to determine if any adjustments need to be made to the curriculum, the assessment methods or the data gathering processes related to this objective. The resulting actions will be documented in the annual assessment report.

Related Courses: **ITD 1013** - Fundamentals of Information Technologies [View Syllabus](#)
ITD 2613 - IT Project Management [View Syllabus](#)
ITD 2623 - Applied Research & Development [View Syllabus](#)
ITD 2800 - Internship [View Syllabus](#)
ITD 4113 - IT Project Management (Capstone Course) [View Syllabus](#)
ITD 4123 - Applied Research and Development (Capstone Course) [View Syllabus](#)
ITD 4800 - Internship* [View Syllabus](#)

Assessment Methods

Method	Criterion	Schedule	Action Plan
Faculty will review printed and electronically stored copies of samples of problem solutions to determin if students have demonstrated their ability to manage and/or support IT projects.	80% of all IT graduates, of any specialization, will demonstrate their ability to manage and/or support IT Projects with an accuracy of 74% (or above).	Students will provide printed and electronically store copies of "required" samples of solutions to projects and or case studies in their IT Student Portfolio to be evaluated during the student's fourth semester or prior to entering an internship experience.	Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.
Faculty will evaluate the Capstone	80% or all IT gradutes, of any	The evaluation will occur during the	Data gathered will be used to make

<p>Presentation and Final Project Documentation to determin if students have demonstrated their ability to manage and/or support IT projects.</p>	<p>specialization, will demonstrate their ability to manage and/or support IT projects with an accuracy of 74% (or above).</p>	<p>student's final semester of their program of study.</p>	<p>inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.</p>
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Findings

Finding	Action Taken	Follow-Up	Resolved
<p>08/25/2005 -- Technical Program Objective 2 - IT Project Management DESCRIPTION: From the data collected in the IT Graduate Analysis Report, it has been determined that 100% of the IT graduates that had data collected for the assessment items relating to IT Project Management from the ITD 1013 - Fundamentals of Information Technologies, ITD 2613/4113 - IT Project Management and ITD 2623/4123 - Applied Research & Development courses achieved the required score to pass this competency. TYPE: Distinction / Strength NOTES: The data shown in the IT Graduate Analysis Report was retrieved from the SCT system</p>	<p>08/25/2005 -- Dr. Mary Millikin and Daniel Claborn provided additional training to the IT faculty and staff on the utilization of the assessment field in SCT on the Final Grade Reporting screen. This training included the used of the appropriate entries for this field: P-to indicate the student passed the assessment, F-to indicate the student failed the assessment, and N-to indicate that no assessment data collected in this course.</p> <p>It was again stressed that all faculty members will have to enter the appropriate entry when they are submitting their final grades in order to track</p>	<p>03/14/2006 -- It has been observed that the accuracy of the data entry for the assessment field has improved.</p>	<p>Yes</p>

and reflects the entry of the assessment field by the faculty members grading the individual sections of the courses. It was apparent from the data that was collected that the initial utilization of the assessment field in SCT was not completely understood by all faculty members. This realization leads to the need for additional training of faculty in the use of the assessment field when final grades are entered into SCT.

the results of the assessment with the automated tools.

Related Data:

[View File](#) - IT Graduate Analysis Report

Objective:	Technical Program Objective 4 - Database and Computer Applications - Design, create, debug and use database and computer applications. [Hide Objective Detail]
Programs:	Information Assurance and Forensics, BT Information Technologies, AAS Information Technologies, AS
Start Date:	09/06/2004
End Date:	08/24/2005
Status:	Completed
Assessment Evaluation:	The faculty and staff of the Information Technologies Division will meet each year, beginning in 2005, to review the data which has been collected to determine if any adjustments need to be made to the curriculum, the assessment methods or the data gathering processes related to this objective. The resulting actions will be documented in the annual assessment report.
Related Courses:	ITD 1333 - Object-Oriented Programming using Java View Syllabus

- ITD 2183 - Application Development using Java [View Syllabus](#)
- ITD 2203 - Database Systems [View Syllabus](#)
- ITD 2613 - IT Project Management [View Syllabus](#)
- ITD 2623 - Applied Research & Development [View Syllabus](#)
- ITD 2800 - Internship [View Syllabus](#)
- ITD 3463 - Database Application Development* [View Syllabus](#)
- ITD 4113 - IT Project Management (Capstone Course) [View Syllabus](#)
- ITD 4123 - Applied Research and Development (Capstone Course) [View Syllabus](#)
- ITD 4800 - Internship* [View Syllabus](#)

Assessment Methods

Method	Criterion	Schedule	Action Plan
Faculty will review printed and electronically stored copies of sample problem solutions to determine if students have demonstrated their ability to design, create, debug and use database and computer applications.	80% of all IT graduates, of any specialization, will demonstrate their ability to design, create, debug and use database and computer applications with an accuracy of 74% (or above).	Student will provide printed and electronically stored copies of "required" samples of solutions to projects and or case studies in their IT Student Portfolio to be evaluated during the student's four semester or prior to entering an internship experience.	Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.
Faculty will evaluate the Capstone Presentation and Final Project Documentation to determine if students have demonstrated their ability to design, create, debug and use database and computer applications.	80% of all IT graduates, of any specialization, will demonstrate their ability to design, create, debug and use database and computer applications with an accuracy of 74% (or above).	The evaluation will occur during the student's final semester of their program of study.	Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.

Findings

Finding	Action Taken	Follow-Up	Resolved
08/25/2005 -- Technical	08/25/2005 -- Dr.	03/14/2006 -- It has	No

Program Objective 4 - Database and Computer Applications

DESCRIPTION: From the data collected in the IT Graduate Analysis Report, it has been determined that for those IT graduates that had data collected for the assessment items relating to Database and Computer Applications from the following list of courses performed at the following levels:

ITD 1333 - Object-Oriented Programming using Java -- no results were reported;
ITD 2183 - Application Development using Java -- 96.59% of the IT graduates passed this objective;
ITD 2203 - Database Systems -- 98.86% of the IT graduates passed this objective;
ITD 2613/4113 - IT Project Management -- 100% of the IT graduates passed this objective;
ITD 2623/4123 - Applied Research and Development -- 100% of the IT graduates passed this objective;
ITD 3463 - Database Application Development -- no results were reported.
TYPE: Distinction /

Mary Millikin and Daniel Claborn provided additional training to the IT faculty and staff on the utilization of the assessment field in SCT on the Final Grade Reporting screen. This training included the use of the appropriate entries for this field: P-to indicate the student passed the assessment, F-to indicate the student failed the assessment, and N-to indicate that no assessment data collected in this course.

It was again stressed that all faculty members will have to enter the appropriate entry when they are submitting their final grades in order to track the results of the assessment with the automated tools.

been observed that the accuracy of the data entry for the assessment field has improved.

Strength

NOTES: The data shown in the IT Graduate Analysis Report was retrieved from the SCT system and reflects the entry of the assessment field by the faculty members grading the individual sections of the courses. It was apparent from the data that was collected that the initial utilization of the assessment field in SCT was not completely understood by all faculty members. This realization leads to the need for additional training of faculty in the use of the assessment field when final grades are entered into SCT.

Related Data:

[View File](#) - IT Graduate Analysis Report

Objective: **Technical Program Objective 5 - Web Sites and E-Business** - Design, develop and maintain server-based web sites using current e-business strategies and guidelines. [\[Hide Objective Detail\]](#)

Programs: Information Assurance and Forensics, BT
Information Technologies, AAS
Information Technologies, AS

Start Date: 09/06/2004

End Date: 08/24/2005

Status: Completed

Assessment The faculty and staff of the Information Technologies Division will

Evaluation: meet each year, beginning in 2005, to review the data which has been collected to determine if any adjustments need to be made to the curriculum, the assessment methods or the data gathering processes related to this objective. The resulting actions will be documented in the annual assessment report.

- Related Courses: **ITD 1353** - Web Programming and Development [View Syllabus](#)
ITD 2123 - Web Administration and Security [View Syllabus](#)
ITD 2613 - IT Project Management [View Syllabus](#)
ITD 2623 - Applied Research & Development [View Syllabus](#)
ITD 4113 - IT Project Management (Capstone Course) [View Syllabus](#)
ITD 4123 - Applied Research and Development (Capstone Course) [View Syllabus](#)

Assessment Methods

Method	Criterion	Schedule	Action Plan
Faculty will review printed and electronically stored copies of samples of problem solutions to determine if students have demonstrated their ability to design, develop, and maintain server-based web sites using current e-business strategies and guidelines.	80% of all IT graduates, of any specialization, will demonstrate their ability to design, develop, and maintain server-based web sites using current e-business strategies and guidelines with an accuracy of 74% (or above).	Students will provide printed and electronically stored copies of "required" samples of solutions to projects and or case studies in their IT Student	Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.
Faculty will evaluate the Capstone Presentation and Final Project Documentation to determine if students have demonstrated their ability to design, develop and maintain server-based web sites using current e-business strategies and guidelines.	80% of all IT graduates, of any specialization, will demonstrate their ability to design, develop and maintain server-based web sites using current e-business strategies and guidelines with an accuracy of 74% (or above).	The evaluation will occur during the student's final semester of their program of study.	Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.

Findings

Finding	Action Taken	Follow-Up	Resolved
<p>08/25/2005 -- Technical Program Objective 5 - Web Sites and E-Business</p> <p>DESCRIPTION: From the data collected in the IT Graduate Analysis Report, it has been determined that for those IT graduates that had data collected for the assessment items relating to Web Sites and E-Business from the following list of courses performed at the following levels:</p> <p>ITD 1353 - Web Programming and Development -- 98.86% of the IT graduates passed this objective;</p> <p>ITD 2123 - Web Administration and Security -- 94.32% of the IT graduates passed this objective;</p> <p>ITD 2613/4113 - IT Project Management -- 100% of the IT graduates passed this objective;</p> <p>ITD 2623/4123 - Applied Research and Development -- 100% of the IT graduates passed this objective.</p> <p>TYPE: Distinction / Strength</p> <p>NOTES: The data shown in the IT</p>	<p>08/25/2005 -- Dr. Mary Millikin and Daniel Claborn provided additional training to the IT faculty and staff on the utilization of the assessment field in SCT on the Final Grade Reporting screen. This training included the used of the appropriate entries for this field:</p> <p>P-to indicate the student passed the assessment, F-to indicate the student failed the assessment, and N-to indicate that no assessment data collected in this course.</p> <p>It was again stressed that all faculty members will have to enter the appropriate entry when they are submitting their final grades in order to track the results of the assessment with the automated tools.</p>	<p>03/14/2006 -- It has been observed that the accuracy of the data entry for the assessment field has improved.</p>	<p>Yes</p>

Graduate Analysis
Report was retrieved
from the SCT system
and reflects the entry of
the assessment field by
the faculty members
grading the individual
sections of the courses.
It was apparent from the
data that was collected
that the initial utilization
of the assessment field
in SCT was not
completely understood
by all faculty members.
This realization leads to
the need for additional
training of faculty in the
use of the assessment
field when final grades
are entered into SCT.

Related Data:

[View File](#) - IT
Graduate Analysis
Report

Objective: **Technical Program Objective 6 - Network Systems** - Design, install and maintain network systems and technologies. [\[Hide Objective Detail\]](#)

Programs: Information Assurance and Forensics, BT
Information Technologies, AAS
Information Technologies, AS

Start Date: 09/06/2004

End Date: 08/24/2005

Status: Completed

Assessment Evaluation: The faculty and staff of the Information Technologies Division will meet each year, beginning in 2005, to review the data which has been collected to determine if any adjustments need to be made to the curriculum, the assessment methods or the data gathering processes

related to this objective. The resulting actions will be documented in the annual assessment report.

- Related Courses: **ITD 2253** - Network Administration
ITD 2613 - IT Project Management [View Syllabus](#)
ITD 2623 - Applied Research & Development [View Syllabus](#)
ITD 4113 - IT Project Management (Capstone Course) [View Syllabus](#)
ITD 4123 - Applied Research and Development (Capstone Course) [View Syllabus](#)

Assessment Methods

Method	Criterion	Schedule	Action Plan
Faculty will review printed and electronically stored copies of samples of problem solutions to design, install and maintain network systems and technologies.	80% of all IT graduates, of any specialization, will demonstrate their ability to design, install and maintain network systems and technologies with an accuracy of 74% (or above).	Students will provide printed and electronically stored copies of "required" samples of solutions to projects and or case studies in their IT Student Portfolio to be evaluated during the student's fourth semester or prior to entering an internship experience.	Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.
Faculty will evaluate the Capstone Presentation and Final Project Documentation to determine if students have demonstrated their ability to design, install and maintain network systems and technologies.	80% of all IT graduates, of any specialization, will demonstrate their ability to design, install and maintain network systems and technologies with an accuracy of 74% (or above).	The evaluation will occur during the student's final semester of their program of study.	Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.

Findings

Finding	Action Taken	Follow-Up	Resolved
08/25/2005 -- Technical Program Objective 6 - Network Systems	08/25/2005 -- Dr. Mary Millikin and	03/14/2006 -- It has been observed that the	No

DESCRIPTION: From the data collected in the IT Graduate Analysis Report, it has been determined that for those IT graduates that had data collected for the assessment items relating to Network Systems from the following list of courses performed at the following levels:

ITD 2253 - Network Administration -- no results were reported;
ITD 2613/4113 - IT Project Management -- 100% of the IT graduates passed this objective;
ITD 2623/4123 - Applied Research and Development -- 100% of the IT graduates passed this objective.

TYPE: Problem / Limitation

NOTES: The data shown in the IT Graduate Analysis Report was retrieved from the SCT system and reflects the entry of the assessment field by the faculty members grading the individual sections of the courses. It was apparent from the data that was collected that the initial utilization of the assessment field in SCT was not completely understood

Daniel Claborn provided additional training to the IT faculty and staff on the utilization of the assessment field in SCT on the Final Grade Reporting screen. This training included the used of the appropriate entries for this field: P-to indicate the student passed the assessment, F-to indicate the student failed the assessment, and N-to indicate that no assessment data collected in this course.

It was again stressed that all faculty members will have to enter the appropriate entry when they are submitting their final grades in order to track the results of the assessment with the automated tools.

accuracy of the data entry for the assessment field has improved.

by all faculty members.
 This realization leads to
 the need for additional
 training of faculty in the
 use of the assessment
 field when final grades
 are entered into SCT.

Related Data:

[View File](#) - IT
 Graduate Analysis
 Report

Objective: **Technical Program Objective 7 - Telecommunications** - Analyze, design and evaluate telecommunications systems. [\[Hide Objective Detail\]](#)

Programs: Information Assurance and Forensics, BT
 Information Technologies, AAS
 Information Technologies, AS

Start Date: 09/06/2004
 End Date: 08/24/2005
 Status: Completed

Assessment Evaluation: The faculty and staff of the Information Technologies Division will meet each year, beginning in 2005, to review the data which has been collected to determine if any adjustments need to be made to the curriculum, the assessment methods or the data gathering processes related to this objective. The resulting actions will be documented in the annual assessment report.

Related Courses: **ITD 1373** - Voice, Data & Wireless [View Syllabus](#)
ITD 2613 - IT Project Management [View Syllabus](#)
ITD 2623 - Applied Research & Development [View Syllabus](#)
ITD 4113 - IT Project Management (Capstone Course) [View Syllabus](#)
ITD 4123 - Applied Research and Development (Capstone Course) [View Syllabus](#)

Assessment Methods

Method	Criterion	Schedule	Action Plan
Faculty will review	80% of all IT	Students will provide	Data gathered will be

printed and electronically stored copies of samples of problem solutions to determine if student have demonstrated their ability to analyze, design and evaluate telecommunications systems.

graduates, of any specialization, will demonstrate their ability to analyze, design and evaluate telecommunications systems with an accuracy of 74% (or above).

printed and electronically stored copies of "required" samples of solutions to projects and or case studies in their IT Student Portfolio to be evaluated during the student's fourth semester or prior to entering an internship experience.

used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.

Faculty will evaluate the Capstone Presentation and Final Project Documentation to determine if students have demonstrated their ability to analyze, design and evaluate telecommunications systems.

80% of all IT graduates, of any specialization, will demonstrate their ability to analyze, design and evaluate telecommunications systems with an accuracy of 74% (or above).

The evaluation will occur during the student's final semester of their program of study.

Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.

Findings

Finding	Action Taken	Follow-Up	Resolved
<p>08/25/2005 -- Technical Program Objective 7 - Telecommunications DESCRIPTION: From the data collected in the IT Graduate Analysis Report, it has been determined that 100% of the IT graduates that had data collected for the assessment items relating to Telecommunications from the ITD 1373 - Voice, Data & Wireless, ITD 2613/4113 - IT</p>	<p>08/25/2005 -- Dr. Mary Millikin and Daniel Claborn provided additional training to the IT faculty and staff on the utilization of the assessment field in SCT on the Final Grade Reporting screen. This training included the used of the appropriate entries for this field: P-to indicate the</p>	<p>03/14/2006 -- It has been observed that the accuracy of the data entry for the assessment field has improved.</p>	<p>Yes</p>

Project Management and ITD 2623/4123 - Applied Research and Development courses achieved the required score to pass this competency.

TYPE: Distinction / Strength

NOTES: The data shown in the IT Graduate Analysis Report was retrieved from the SCT system and reflects the entry of the assessment field by the faculty members grading the individual sections of the courses. It was apparent from the data that was collected that the initial utilization of the assessment field in SCT was not completely understood by all faculty members. This realization leads to the need for additional training of faculty in the use of the assessment field when final grades are entered into SCT.

Related Data:

[View File](#) - IT Graduate Analysis Report

student passed the assessment, F-to indicate the student failed the assessment, and N-to indicate that no assessment data collected in this course.

It was again stressed that all faculty members will have to enter the appropriate entry when they are submitting their final grades in order to track the results of the assessment with the automated tools.

Objective: **Technical Program Objective 8 - Hardware Software and Operating Systems Support** - Install troubleshoot and manage computer hardware, software and operating systems. [\[Hide Objective\]](#)

[Detail](#)

Programs: Information Assurance and Forensics, BT
Information Technologies, AAS
Information Technologies, AS

Start Date: 09/06/2004

End Date: 08/24/2005

Status: Completed

Assessment Evaluation: The faculty and staff of the Information Technologies Division will meet each year, beginning in 2005, to review the data which has been collected to determine if any adjustments need to be made to the curriculum, the assessment methods or the data gathering processes related to this objective. The resulting actions will be documented in the annual assessment report.

Related Courses: **ITD 1213** - Hardware Systems Support [View Syllabus](#)
ITD 2613 - IT Project Management [View Syllabus](#)
ITD 2623 - Applied Research & Development [View Syllabus](#)
ITD 4113 - IT Project Management (Capstone Course) [View Syllabus](#)
ITD 4123 - Applied Research and Development (Capstone Course) [View Syllabus](#)

Assessment Methods

Method	Criterion	Schedule	Action Plan
Faculty will review printed and electronically stored copies of samples of problem solutions to determine if students have demonstrated their ability to install, troubleshoot and manage computer hardware, software and operating systems.	80% of all IT graduates, of any specialization, will demonstrate their ability to install, troubleshoot and manage computer hardware, software and operating systems with an accuracy of 74% (or above).	Students will provide printed and electronically stored copies of "required" samples of solutions to projects and or case studies in their IT Student Portfolio to be evaluated during the student's fourth semester or prior to entering an internship experience.	Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.
Faculty will evaluate the Capstone Presentation and final Project Documentation to determine if students	80% of all IT graduates, of any specialization, will demonstrate their ability to install, troubleshoot and	The evaluation will occur during the student's final semester of their program of study.	Data gathered will be used to make inferences about the program effectiveness by content area.

have demonstrated their ability to install, troubleshoot and manage computer hardware, software and operating systems. manage computer hardware, software and operating systems with an accuracy of 74% (or above).

Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.

Findings

Finding	Action Taken	Follow-Up	Resolved
<p>08/25/2005 -- Technical Program Objective 8 - Hardware Software and Operating Systems Support</p> <p>DESCRIPTION: From the data collected in the IT Graduate Analysis Report, it has been determined that 100% of the IT graduates that had data collected for the assessment items relating to Hardware Software and Operating Systems Support from the ITD 1213 - Hardware Systems Support, ITD 2613/4113 - IT Project Management and ITD 2623/4123 - Applied Research and Development courses achieved the required score to pass this competency.</p> <p>TYPE: Distinction / Strength</p> <p>NOTES: The data shown in the IT Graduate Analysis Report was retrieved from the SCT system and reflects the entry of</p>	<p>08/25/2005 -- Dr. Mary Millikin and Daniel Claborn provided additional training to the IT faculty and staff on the utilization of the assessment field in SCT on the Final Grade Reporting screen. This training included the used of the appropriate entries for this field: P-to indicate the student passed the assessment, F-to indicate the student failed the assessment, and N-to indicate that no assessment data collected in this course.</p> <p>It was again stressed that all faculty members will have to enter the appropriate entry when they are submitting their final grades in order to track the results of the assessment with the automated tools.</p>	<p>03/14/2006 -- It has been observed that the accuracy of the data entry for the assessment field has improved.</p>	<p>No</p>

the assessment field by the faculty members grading the individual sections of the courses. It was apparent from the data that was collected that the initial utilization of the assessment field in SCT was not completely understood by all faculty members. This realization leads to the need for additional training of faculty in the use of the assessment field when final grades are entered into SCT.

Related Data:

[View File](#) - IT Graduate Analysis Report

Objective:	Technical Program Specialization Objective 1 - Application/Software Development - Analyze document, design, prototype, implement, test and demonstrate database-driven applications in client/server environments. [Hide Objective Detail]
Programs:	Information Technologies, AAS Information Technologies, AS
Start Date:	09/06/2004
End Date:	08/24/2005
Status:	Completed
Assessment Evaluation:	The faculty and staff of the Information Technologies Division will meet each year, beginning in 2005, to review the data which has been collected to determine if any adjustments need to be made to the curriculum, the assessment methods or the data gathering processes related to this objective. The resulting actions will be documented in the annual assessment report.
Related Courses:	ITD 2183 - Application Development using Java View Syllabus ITD 2193 - Application Development using Visual Basic.

ITD 2613 - IT Project Management [View Syllabus](#)

ITD 2623 - Applied Research & Development [View Syllabus](#)

ITD 4113 - IT Project Management (Capstone Course) [View Syllabus](#)

ITD 4123 - Applied Research and Development (Capstone Course) [View Syllabus](#)

Assessment Methods

Method	Criterion	Schedule	Action Plan
Faculty will review printed and electronically stored copies of samples of problem solutions to determine if students have demonstrated their ability to analyze, document, design, prototype, implement, test and demonstrate database-driven applications in client/server environments.	80% of all IT graduates specializing in Application/Software Development will demonstrate their ability to analyze, document, design, prototype, implement, test and demonstrate database-driven application in client/server environments with an accuracy of 74% (or above).	Students will provide printed and electronically stored copies of "required" samples of solutions to projects and or case studies in their IT Student Portfolio to be evaluated during the student's fourth semester or prior to entering an internship experience.	Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.
Faculty will evaluate the Capstone Presentation and Final Project Documentation to determine if students have demonstrated their ability to analyze, document, design, prototype, implement, test and demonstrate database-driven applications in client/server environments.	80% of all IT graduates specializing in Application/Software Development will demonstrate their ability to analyze, documents, design, prototype, implement, test and demonstrate database-driven applications in client/server environments with an accuracy of 74% (or above).	The evaluation will occur during the student's final semester of thier program of study.	Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.

Findings

Finding	Action Taken	Follow-Up	Resolved
<p>08/25/2005 -- Technical Program Specialization Objective 1 - Application/Software Development</p> <p>DESCRIPTION: From the data collected in the IT Graduate Analysis Report, it has been determined that for those IT graduates that had data collected for the assessment items relating to Application/Software Development from the following list of courses performed at the following levels:</p> <p>ITD 2183 - Application Development using Java -- 96.59% of the IT graduates passed this objective;</p> <p>ITD 2193 - Application Development using Visual Basic -- no results were reported;</p> <p>ITD 2613/4113 - IT Project Management -- 100% of the IT graduates passed this objective;</p> <p>ITD 2623/4123 - Applied Research and Development -- 100% of the IT graduates passed this objective.</p> <p>TYPE: Problem / Limitation</p> <p>NOTES: The data shown in the IT Graduate Analysis</p>	<p>08/25/2005 -- Dr. Mary Millikin and Daniel Claborn provided additional training to the IT faculty and staff on the utilization of the assessment field in SCT on the Final Grade Reporting screen. This training included the used of the appropriate entries for this field: P-to indicate the student passed the assessment, F-to indicate the student failed the assessment, and N-to indicate that no assessment data collected in this course.</p> <p>It was again stressed that all faculty members will have to enter the appropriate entry when they are submitting their final grades in order to track the results of the assessment with the automated tools.</p>	<p>03/14/2006 -- It has been observed that the accuracy of the data entry for the assessment field has improved.</p>	No

Report was retrieved from the SCT system and reflects the entry of the assessment field by the faculty members grading the individual sections of the courses. It was apparent from the data that was collected that the initial utilization of the assessment field in SCT was not completely understood by all faculty members. This realization leads to the need for additional training of faculty in the use of the assessment field when final grades are entered into SCT.

Related Data:

[View File](#) - IT Graduate Analysis Report

Objective:	Technical Program Specialization Objective 2 - Enterprise Systems - Analyze, evaluate, document and maintain integrated business systems. [Hide Objective Detail]
Programs:	Information Technologies, AAS Information Technologies, AS
Start Date:	09/06/2004
End Date:	08/24/2005
Status:	Completed
Assessment Evaluation:	The faculty and staff of the Information Technologies Division will meet each year, beginning in 2005, to review the data which has been collected to determine if any adjustments need to be made to the curriculum, the assessment methods or the data gathering processes related to this objective. The resulting actions will be documented in the annual assessment report.

Related Courses: **ITD 2613** - IT Project Management [View Syllabus](#)
ITD 2623 - Applied Research & Development [View Syllabus](#)
ITD 2800 - Internship [View Syllabus](#)
ITD 2900 - Advanced Internship [View Syllabus](#)
ITD 4113 - IT Project Management (Capstone Course) [View Syllabus](#)
ITD 4123 - Applied Research and Development (Capstone Course) [View Syllabus](#)
ITD 4800 - Internship* [View Syllabus](#)
ITD 4900 - Advanced internship* [View Syllabus](#)

Assessment Methods

Method	Criterion	Schedule	Action Plan
Faculty will review printed and electronically stored copies of samples of problem solutions to determine if students have demonstrated their ability to analyze, evaluate, document, and maintain integrated business systems.	80% of all IT graduates specializing in Enterprise Systems will demonstrate their ability to analyze, evaluate, document, and maintain integrated business systems with an accuracy of 74% (or above).	Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.	Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.
Faculty will evaluate the Capstone Presentation and Final Project Documentation to determine if students have demonstrated their ability to analyze, evaluate, document, and maintain integrated business systems.	80% of all IT graduates specializing in Enterprise Systems will demonstrate their ability to analyze, evaluate, document, and maintain integrated business systems with an accuracy of 74% (or above).	The evaluation will occur during the student's final semester of their program of study.	Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.

Findings

Finding	Action Taken	Follow-Up	Resolved
08/25/2005 -- Technical Program Specialization Objective 2 - Enterprise Systems	08/25/2005 -- Dr. Mary Millikin and Daniel Claborn provided additional	03/14/2006 -- It has been observed that the accuracy of the data entry for the	Yes

DESCRIPTION: From the data collected in the IT Graduate Analysis Report, it has been determined that 100% of the IT graduates that had data collected for the assessment items relating to Enterprise Systems from the ITD 2613/4113 - IT Project Management, ITD 2623/4123 - Applied Research and Development, ITD 2800/4800 - Internship, and ITD 2900/4900 - Advanced Internship courses achieved the required score to pass this competency.

TYPE: Distinction / Strength

NOTES: The data shown in the IT Graduate Analysis Report was retrieved from the SCT system and reflects the entry of the assessment field by the faculty members grading the individual sections of the courses. It was apparent from the data that was collected that the initial utilization of the assessment field in SCT was not completely understood by all faculty members. This realization leads to the need for additional training of faculty in the use of the assessment field when final grades

training to the IT faculty and staff on the utilization of the assessment field in SCT on the Final Grade Reporting screen. This training included the used of the appropriate entries for this field: P-to indicate the student passed the assessment, F-to indicate the student failed the assessment, and N-to indicate that no assessment data collected in this course. assessment field has improved.

It was again stressed that all faculty members will have to enter the appropriate entry when they are submitting their final grades in order to track the results of the assessment with the automated tools.

are entered into SCT.

Related Data:

[View File](#) - IT
Graduate Analysis
Report

Objective: **Technical Program Specialization Objective 3 - IT Security** - Analyze, evaluate, and implement appropriate IT security measures in the areas of networking, e-commerce and cyber forensics. [Hide Objective Detail](#)

Programs: Information Assurance and Forensics, BT
Information Technologies, AAS
Information Technologies, AS

Start Date: 09/06/2004

End Date: 08/24/2005

Status: Completed

Assessment Evaluation: The faculty and staff of the Information Technologies Division will meet each year, beginning in 2005, to review the data which has been collected to determine if any adjustments need to be made to the curriculum, the assessment methods or the data gathering processes related to this objective. The resulting actions will be documented in the annual assessment report.

Related Courses: **ITD 1243** - Principles of Information Security [View Syllabus](#)

ITD 2433 - Digital Forensics [View Syllabus](#)

ITD 2443 - Network Systems*

ITD 2613 - IT Project Management [View Syllabus](#)

ITD 2623 - Applied Research & Development [View Syllabus](#)

ITD 3423 - Secure Electronic Commerce* [View Syllabus](#)

ITD 3443 - Network Security [View Syllabus](#)

ITD 4113 - IT Project Management (Capstone Course) [View Syllabus](#)

ITD 4123 - Applied Research and Development (Capstone Course) [View Syllabus](#)

Assessment Methods

Method	Criterion	Schedule	Action Plan
Faculty will review printed and	80% of all IT graduates	Students will provide printed and	Data gathered will be used to make

electronically stored copies of samples of problem solutions to determine if students have demonstrated their ability to analyze, evaluate, and implement appropriate IT security measures in the areas of networking, e-commerce and cyber forensics.	specializing in IT Security will demonstrate their ability to analyze, evaluate, and implement appropriate IT security measures in the areas of networking, e-commerce and cyber forensics with an accuracy of 74% (or above).	electronically stored copies of "required" samples of solutions to projects and or case studies in their IT Student Portfolio to be evaluated during the student's fourth semester or prior to entering an internship experience.	inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.
Faculty will evaluate the Capstone Presentation and Final Project Documentation to determine if students have demonstrated their ability to analyze, evaluate, and implement appropriate IT security measures in the areas of networking, e-commerce and cyber forensics.	80% of all IT graduates specializing in IT Security will demonstrate their ability to analyze, evaluate, and implement appropriate IT security measures in the areas of networking, e-commerce and cyber forensics with an accuracy of 74% (or above).	The evaluation will occur during the student's final semester of their program of study.	Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.

Findings

Finding	Action Taken	Follow-Up	Resolved
<p>08/25/2005 -- Technical Program Specialization Objective 3 - IT Security</p> <p>DESCRIPTION: From the data collected in the IT Graduate Analysis Report, it has been determined that for those IT graduates that had data collected for</p>	<p>08/25/2005 -- Dr. Mary Millikin and Daniel Claborn provided additional training to the IT faculty and staff on the utilization of the assessment field in SCT on the Final Grade Reporting</p>	<p>03/14/2006 -- It has been observed that the accuracy of the data entry for the assessment field has improved.</p>	No

the assessment items relating to IT Security from the following list of courses performed at the following levels:

ITD 1243 - Principles of Information Security -- 100% of the IT graduates passed this objective;

ITD 2433 - Digital Forensics -- no results were reported;

ITD 2443 - Network Systems -- no results were reported;

ITD 2613/4113 - IT Project Management -- 100% of the IT graduates passed this objective;

ITD 2623/4123 - Applied Research and Development -- 100% of the IT graduates passed this objective;

ITD 3423 - Secure Electronic Commerce -- 98.86% of the IT graduates passed this objective;

ITD 3443 - Network Security -- no results were reported.

TYPE: Problem / Limitation

NOTES: The data shown in the IT Graduate Analysis Report was retrieved from the SCT system and reflects the entry of the assessment field by the faculty members

screen. This training included the used of the appropriate entries for this field:

P-to indicate the student passed the assessment, F-to indicate the student failed the assessment, and N-to indicate that no assessment data collected in this course.

It was again stressed that all faculty members will have to enter the appropriate entry when they are submitting their final grades in order to track the results of the assessment with the automated tools.

grading the individual sections of the courses. It was apparent from the data that was collected that the initial utilization of the assessment field in SCT was not completely understood by all faculty members. This realization leads to the need for additional training of faculty in the use of the assessment field when final grades are entered into SCT.

Related Data:

[View File](#) - IT Graduate Analysis Report

Objective:	Technical Program Specialization Objective 4 - Network Systems - Analyze, evaluate, design, develop, integrate and support network topologies, security, systems, media and policies. [Hide Objective Detail]
Programs:	Information Technologies, AAS Information Technologies, AS
Start Date:	09/06/2004
End Date:	08/24/2005
Status:	Completed
Assessment Evaluation:	The faculty and staff of the Information Technologies Division will meet each year, beginning in 2005, to review the data which has been collected to determine if any adjustments need to be made to the curriculum, the assessment methods or the data gathering processes related to this objective. The resulting actions will be documented in the annual assessment report.
Related Courses:	ITD 2163 - Server Operating Systems Administration View Syllabus ITD 2613 - IT Project Management View Syllabus ITD 2623 - Applied Research & Development View Syllabus ITD 3443 - Network Security View Syllabus

ITD 4113 - IT Project Management (Capstone Course) [View Syllabus](#)

ITD 4123 - Applied Research and Development (Capstone Course) [View Syllabus](#)

Assessment Methods

Method	Criterion	Schedule	Action Plan
Faculty will review printed and electronically stored copies of samples of problem solutions to determine if students have demonstrated their ability to analyze, evaluate, design, develop, integrate and support network topologies, security, systems, media and policies.	80% of all IT graduates specializing in Network Systems will demonstrate their ability to analyze, evaluate, design, develop, integrate and support network topologies, security, systems, media and policies with an accuracy of 74% (or above).	Students will provide printed and electronically stored copies of "required" samples of solutions to projects and case studies in their IT Student Portfolio to be evaluated during the student's fourth semester or prior to entering an internship experience.	Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.
Faculty will evaluate the Capstone Presentation and Final Project Documentation to determine if students have demonstrated their ability to analyze, evaluate, design, develop, integrate and support network topologies, security, system, media and policies.	80% of all IT graduates specializing in Network Systems will demonstrate their ability to analyze, evaluate, design, develop, integrate and support network topologies, security, systems, media and policies with an accuracy of 74% (or above).	The evaluation will occur during the student's final semester of their program of study.	Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.

Findings

Finding	Action Taken	Follow-Up	Resolved
08/25/2005 -- Technical Program Specialization Objective 4 - Network Systems DESCRIPTION: From the data collected in the	08/25/2005 -- Dr. Mary Millikin and Daniel Claborn provided additional training to the IT faculty and staff on the	03/14/2006 -- It has been observed that the accuracy of the data entry for the assessment field has improved.	No

IT Graduate Analysis Report, it has been determined that for those IT graduates that had data collected for the assessment items relating to Network Systems from the following list of courses performed at the following levels:

ITD 2163 - Server Operating Systems Administration -- 96.59% of the IT graduates passed this objective;

ITD 2613/4113 - IT Project Management -- 100% of the IT graduates passed this objective;

ITD 2623/4123 - Applied Research and Development -- 100% of the IT graduates passed this objective;

ITD 3443 - Network Security -- no results were reported.

TYPE: Problem / Limitation

NOTES: The data shown in the IT Graduate Analysis Report was retrieved from the SCT system and reflects the entry of the assessment field by the faculty members grading the individual sections of the courses. It was apparent from the data that was collected

utilization of the assessment field in SCT on the Final Grade Reporting screen. This training included the use of the appropriate entries for this field:

P-to indicate the student passed the assessment, F-to indicate the student failed the assessment, and N-to indicate that no assessment data collected in this course.

It was again stressed that all faculty members will have to enter the appropriate entry when they are submitting their final grades in order to track the results of the assessment with the automated tools.

that the initial utilization of the assessment field in SCT was not completely understood by all faculty members. This realization leads to the need for additional training of faculty in the use of the assessment field when final grades are entered into SCT.

Related Data:

[View File](#) - IT Graduate Analysis Report

- Objective: **Technical Program Specialization Objective 5 - Telecommunications** - Analyze, evaluate, design, integrate and support telecommunications systems, security, media and policies. [\[Hide Objective Detail\]](#)
- Programs: Information Technologies, AAS
Information Technologies, AS
- Start Date: 09/06/2004
- End Date: 08/24/2005
- Status: Completed
- Assessment Evaluation: The faculty and staff of the Information Technologies Division will meet each year, beginning in 2005, to review the data which has been collected to determine if any adjustments need to be made to the curriculum, the assessment methods or the data gathering processes related to this objective. The resulting actions will be documented in the annual assessment report.
- Related Courses: **ITD 1373** - Voice, Data & Wireless [View Syllabus](#)
ITD 2173 - Voice, Data & Wireless Management [View Syllabus](#)
ITD 2613 - IT Project Management [View Syllabus](#)
ITD 2623 - Applied Research & Development [View Syllabus](#)
ITD 4113 - IT Project Management (Capstone Course) [View Syllabus](#)
ITD 4123 - Applied Research and Development (Capstone Course) [View Syllabus](#)

Assessment Methods

Method	Criterion	Schedule	Action Plan
Faculty will review printed and electronically stored copies of samples of problem solutions to determine if students have demonstrated their ability to analyze, evaluate, design, integrate and support telecommunications systems, security, media and policies.	80% of all IT graduates of any specialization, will demonstrate their ability to analyze, evaluate, design, integrate and support telecommunications systems, security, media and policies with an accuracy of 74% (or above).	Students will provide printed and electronically stored copies of "required" samples of solutions in their IT Student Portfolio to be evaluated during the student's fourth semester or prior to entering an internship experience.	Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.
Faculty will evaluate the Capstone Presentation and Final Project Document to determine if students have demonstrated their ability to analyze evaluate, design, integrate and support telecommunications systems, security, media and policies.	80% of all IT graduates specializing in Telecommunications will demonstrate their ability to analyze, evaluate, design, integrate and support telecommunications systems, security, media and policies with an accuracy of 74% (or above).	The evaluation will occur during the student's final semester of their program of study.	Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.

Findings

Finding	Action Taken	Follow-Up	Resolved
08/25/2005 -- Technical Program Specialization Objective 5 - Telecommunications DESCRIPTION: From the data collected in the IT Graduate Analysis Report, it has been determined that for those IT graduates that had data collected for	08/25/2005 -- Dr. Mary Millikin and Daniel Claborn provided additional training to the IT faculty and staff on the utilization of the assessment field in SCT on the Final Grade Reporting	03/14/2006 -- It has been observed that the accuracy of the data entry for the assessment field has improved.	Yes

the assessment items relating to Telecommunications from the following list of courses performed at the following levels:

ITD 1373 - Voice, Data & Wireless -- 100% of the IT graduates passed this objective;

ITD 2173 - Voice, Data & Wireless

Management -- 98.86% of the IT graduates passed this objective;

ITD 2613/4113 - IT Project Management -- 100% of the IT graduates passed this objective;

ITD 2623/4123 - Applied Research and Development -- 100% of the IT graduates passed this objective.

TYPE: Distinction / Strength

NOTES: The data shown in the IT Graduate Analysis Report was retrieved from the SCT system and reflects the entry of the assessment field by the faculty members grading the individual sections of the courses.

It was apparent from the data that was collected that the initial utilization of the assessment field in SCT was not completely understood by all faculty members.

screen. This training included the used of the appropriate entries for this field:

P-to indicate the student passed the assessment, F-to indicate the student failed the assessment, and N-to indicate that no assessment data collected in this course.

It was again stressed that all faculty members will have to enter the appropriate entry when they are submitting their final grades in order to track the results of the assessment with the automated tools.

This realization leads to the need for additional training of faculty in the use of the assessment field when final grades are entered into SCT.

Related Data:

[View File](#) - IT Graduate Analysis Report

Objective: **Technical Program Specialization Objective 6 - Web Development / E-Commerce** - Design, build and maintain comprehensive, secure, database-driven web sites using current e-business strategies and guidelines. [\[Hide Objective Detail\]](#)

Programs: Information Technologies, AAS
Information Technologies, AS

Start Date: 09/06/2004

End Date: 08/24/2005

Status: Completed

Assessment Evaluation: The faculty and staff of the Information Technologies Division will meet each year, beginning in 2005, to review the data which has been collected to determine if any adjustments need to be made to the curriculum, the assessment methods or the data gathering processes related to this objective. The resulting actions will be documented in the annual assessment report.

Related Courses: **ITD 1353** - Web Programming and Development [View Syllabus](#)
ITD 2123 - Web Administration and Security [View Syllabus](#)
ITD 2613 - IT Project Management [View Syllabus](#)
ITD 2623 - Applied Research & Development [View Syllabus](#)
ITD 4113 - IT Project Management (Capstone Course) [View Syllabus](#)
ITD 4123 - Applied Research and Development (Capstone Course) [View Syllabus](#)

Assessment Methods

Method	Criterion	Schedule	Action Plan
Faculty will review	80% of all IT	Students will provide	Data gathered will be

<p>printed and electronically stored copies of samples of problem solutions from the Web Administration and Security course to determine if students have demonstrated their ability to design, build and maintain comprehensive, secure, database-driven web sites using current e-business strategies and guidelines by completing course projects from the Web Administration and Security course.</p>	<p>graduates specializing in Web Development/E-Commerce will demonstrate their ability to design, build and maintain comprehensive, secure, database-driven web sites using current e-business strategies and guidelines with an accuracy of 74% (or above).</p>	<p>printed and electronically stored copies of "required" samples of solutions to projects and or case studies in their IT Student Portfolio to be evaluated during the student's fourth semester or prior to entering an internship experience.</p>	<p>used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.</p>
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<p>Faculty will evaluate the Capstone Presentation and Final Project Documentation to determine if students have demonstrated their ability to design, build and maintain secure, database-driven web sites using current e-business strategies and guidelines.</p>	<p>80% or all IT graduates specializing in Web Development/ E-Commerce will demonstrate their ability to design, build and maintain comprehensive, secure, database-driven web sites using current e-business strategies and guidelines with an accuracy of 74% (or above).</p>	<p>The evaluation will occur during the student's final semester of their program of study.</p>	<p>Data gathered will be used to make inferences about the program effectiveness by content area. Observations, actions taken, and follow-up findings will be documented on TracDat's Findings form.</p>
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Findings

Finding	Action Taken	Follow-Up	Resolved
<p>08/25/2005 -- Technical Program Specialization Objective 6 - Web</p>	<p>08/25/2005 -- Dr. Mary Millikin and</p>	<p>03/14/2006 -- It has been observed that the</p>	<p>Yes</p>

Development/E-Commerce

DESCRIPTION: From the data collected in the IT Graduate Analysis Report, it has been determined that for those IT graduates that had data collected for the assessment items relating to Web Development / E-Commerce from the following list of courses performed at the following levels:

ITD 1353 - Web Programming and Development -- 98.85% of the IT graduates passed this objective;

ITD 2123 - Web Administration and Security -- 100% of the IT graduates passed this objective;

ITD 2613/4113 - IT Project Management -- 100% of the IT graduates passed this objective;

ITD 2623/4123 - Applied Research and Development -- 100% of the IT graduates passed this objective.

TYPE: Distinction / Strength

NOTES: The data shown in the IT Graduate Analysis Report was retrieved from the SCT system and reflects the entry of

Daniel Claborn provided additional training to the IT faculty and staff on the utilization of the assessment field in SCT on the Final Grade Reporting screen. This training included the used of the appropriate entries for this field:

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It was again stressed that all faculty members will have to enter the appropriate entry when they are submitting their final grades in order to track the results of the assessment with the automated tools.

accuracy of the data entry for the assessment field has improved.

the assessment field by the faculty members grading the individual sections of the courses. It was apparent from the data that was collected that the initial utilization of the assessment field in SCT was not completely understood by all faculty members. This realization leads to the need for additional training of faculty in the use of the assessment field when final grades are entered into SCT.

Related Data:

[View File](#) - IT Graduate Analysis Report

July 21, 2006

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