STARK STATE COLLEGE
ASSESSMENT SUMMARY REPORT

Department/Division	Chair/Dean
Business, Engineering, and Information Technologies Division	**Dr. Donald M. Ball, Dean**

Degree Program(s)/Major(s)/Certificate(s)	Academic Year (20xx/20xx)
Industrial Technology Department:	**2022-2023**

Two Year Degrees:

- INDUSTRIAL TECHNOLOGY
- INDUSTRIAL TECHNOLOGY – INDUSTRIAL MAINTENANCE MAJOR
- INDUSTRIAL TECHNOLOGY – ADVANCED MANUFACTURING TECHNOLOGY MAJOR
- ELECTRICAL MAINTENANCE TECHNOLOGY
- ELECTRICAL MAINTENANCE TECHNOLOGY – SOLAR ENERGY MAJOR
- ENVIRONMENTAL WATER AND WASTEWATER TECHNOLOGY
- HEATING, VENTILATION, AIR CONDITIONING, AND REFRIGERATION TECHNOLOGY
- AUTOMATION AND ROBOTICS TECHNOLOGY
- INDUSTRIAL PROCESS OPERATION TECHNOLOGY
- PETROLEUM INDUSTRIAL MECHANICS TECHNOLOGY
- SHALENET PIPELINE TECHNICIAN
- PETROLEUM TECHNOLOGY – PIPELINE TECHNICIAN MAJOR
- PETROLEUM TECHNOLOGY – PRODUCTION TECHNICIAN MAJOR
- PETROLEUM TECHNOLOGY – INSTRUMENTATION ELECTRONICS TECHNICIAN MAJOR
- PETROLEUM TECHNOLOGY - MEASUREMENT & MECHATRONICS TECHNICIAN MAJOR

One Year Certifications:

- CNC TECHNICAL
- WELDING TECHNOLOGY
- INDUSTRIAL MAINTENANCE
- HEATING, VENTILATION, AIR CONDITIONING, AND REFRIGERATION TECHNOLOGY
- AUTOMATION AND ROBOTICS TECHNOLOGY
- PREVENTIVE AND PREDICTIVE MAINTENANCE TECHNOLOGY
- PETROLEUM INDUSTRIAL MECHANICS TECHNOLOGY
- INDUSTRIAL PROCESS OPERATION TECHNOLOGY
- PETROLEUM INSTRUMENTATION AND ELECTRONICS TECHNICIAN
- PRODUCTION TECHNICIAN

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Career Enhancement Certificates:

- INDUSTRIAL TECHNOLOGY – CAD/CAM SPECIALIST (COMPUTER-AIDED DRAFTING/COMPUTER-AIDED MACHINING)
- INDUSTRIAL TECHNOLOGY – MECHANICAL DRIVE SYSTEMS
- INDUSTRIAL TECHNOLOGY – PRECISION MACHINING AND CNC PROGRAMMING
- GENERAL MIG, TIG, ALUMINUM, AND OXYFUEL WELDING
- INDUSTRIAL TECHNOLOGY – 3G WELDING CERTIFICATION EXAM PREPARATION
- INDUSTRIAL TECHNOLOGY – 6G WELDING CERTIFICATION EXAM PREPARATION
- INDUSTRIAL TECHNOLOGY – TITANIUM/STAINLESS STEEL WELDING
- ENVIRONMENTAL, HEALTH, AND SAFETY TECHNOLOGY – SAFETY – HEAVY INDUSTRY
- INDUSTRIAL TECHNOLOGY – BASIC INDUSTRIAL MAINTENANCE
- ENVIRONMENTAL, HEALTH AND SAFETY TECHNOLOGY – ENVIRONMENTAL REMEDIATION TECHNICIAN
- ENVIRONMENTAL, HEALTH AND SAFETY TECHNOLOGY – OSHA 40-HOUR HAZWOPER
- ENVIRONMENTAL HEALTH AND SAFETY – DEPARTMENT OF TRANSPORTATION (DOT) SAFETY CERTIFICATE
- HEATING, VENTILATION, AIR CONDITIONING, AND REFRIGERATION TECHNOLOGY – HVACR TECHNICIAN (LEVEL 1)
- HEATING VENTILATION, AIR CONDITIONING, AND REFRIGERATION TECHNOLOGY – HVACR TECHNICIAN (LEVEL II)
- INDUSTRIAL TECHNOLOGY – BASIC ROBOTICS
- INDUSTRIAL TECHNOLOGY – AUTOMATION AND ROBOTICS SPECIALIST
- ENVIRONMENTAL, HEALTH AND SAFETY TECHNOLOGY – GREEN TECHNOLOGY ESSENTIALS
- ENVIRONMENTAL, HEALTH AND SAFETY TECHNOLOGY – ENVIRONMENTAL TECHNICIAN SUPERVISOR
- PETROLEUM BASIC INDUSTRIAL CORE
- PETROLEUM BASIC INDUSTRIAL PROCESS CONTROLS
- OIL AND GAS TECHNOLOGY – PETROLEUM BASIC INDUSTRIAL PROCESS OPERATION CORE
- OIL AND GAS TECHNOLOGY – RIGGING OIL AND GAS INDUSTRY
- OIL AND GAS TECHNOLOGY – WELDING TECHNOLOGY FOR GAS & OIL PRODUCTION
- OIL AND GAS TECHNOLOGY – LEASE OPERATOR
- SHALENET INSTRUMENTATION AND MEASUREMENT TECHNICIAN
- OIL AND GAS TECHNOLOGY – COMMERCIAL DRIVER'S LICENSE (CDL)
- NATURAL GAS AND OIL TECHNOLOGY SHALENET C1

Engineering Technology Department:

Civil ET, Civil ET – Architectural Major, Civil ET – Construction Management Major, Civil ET – Architectural Drafting CEC, Civil ET – Civil/Surveying CEC, Civil ET – Civil/Surveying Drafting CEC, Civil ET – Construction Materials Inspection CEC, Civil ET – Construction Technician CEC, Civil ET – Transportation Construction Inspection Level I CEC, Civil ET – Transportation Construction Inspection Level II CEC, Electrical/Electronic ET, Electrical/Electronic ET – Electro Mechanical Major, Electrical/Electronic ET – Electrical/Electronic Troubleshooting CEC, Electrical/Electronic ET – Industrial Controls CEC, Electrical/Electronic ET – Industrial Electricity and Electronics CEC, Mechanical ET, Mechanical ET – Design Major, Mechanical ET – Machine Design CEC, Mechanical ET – Mechanical Power CEC, Mechanical ET – Design Major – Advanced CAD CEC, Mechanical ET – Design Major – AutoCAD CEC, Mechanical ET – Design Major – Precision Gauging and Inspection CEC, Pre-Engineering Mechanical Engineering, Pre-Engineering Electrical Engineering, Pre-Engineering Civil Engineering, Electric Power Utility

Automotive & Transportation Department:

Automotive Technology AAS (2250)/GM ASEP AAS (2251)/ One Year Certificate Automotive (2256)/Comprehensive Automotive Cert (2257)/ASE Test Prep Cert (2258)/Automotive Aftermarket Vehicle Modification (2259)/Automotive Detailing (2260)/Automotive Maintenance and Light Repair (2261/Automotive Transmission & Driveline (2262)/CAT Lift Truck (2263)/Honda PACT (2264)/Toyota T-TEN (2265)/Toyota T-TEN Electrical, Manual Transmission, HVAC (2266)/Toyota T-TEN Engine Repair, Engine Control, Automatic Transmission (2267)/Toyota T-TEN Electrical, Brakes, Steering & Suspension (2268)

Digital Media and Administrative Technologies Department:

3D Motion Graphics Technology, Administrative Office Professional, Computer Graphics Arts, Computer Graphic Arts – Photography, Digital Video and Media Technology, Judicial Court Reporting, Legal Assisting, and Music Production and Engineering

Computer Science and Information Systems Department:

Computer Engineering, Computer Science (including Video Game and Mobile Application Development Major, and 1-year Mobile Development Certificate), Computer Programming and Database (including Geographic Information Systems major, 1-year Geographic Information Specialist Certificate, and 1-year Database Systems Certificate), Computer Technology (Including Help Desk, 1-year Computer Maintenance and Desktop Support Certificate and 1-year Data Analytics Certificate), Web Design and Development (including 1-year Web Design Certificate), Computer Network Administration & Security Technology, Cyber Security and Computer Forensics

Management and Marketing Department:

Business Management (#2055)
Business Management-Health Services Option (#2060)
Business Management-Finance Option (#2061)
Business Management-Human Resources Option (#2062)
Business Management, KSU-BBA Option (#2067)
Business Management-Entrepreneurship Major (#2079)
Business Management-Culinary Arts Major (#2080)
Business Management-Sports Management Major (#2081)
Marketing and Sales Management (#2300)
Entrepreneurship One Year Certificate (#2071)
Entrepreneurship Career Enhancement Certificate (#2072)

Accounting and Finance Department:

Accounting – Corporate Major, Accounting – CPA Major, Bookkeeping One-Year Certificate, Enrolled Agent – One-Year Certificate, Accounting – Tax Major, Accounting – Computer Information Major, Accounting Services for Health Administration Major, Banking Associate – One-Year Certificate, Accounting – Forensic Accounting Major, Computer-Integrated Accounting – One-Year Certificate, Finance

The annual assessment summary report assists the College in documenting assessment progress and provides department chairs with assessment data needed to complete their academic program review. Department chairs will summarize information for the courses assessed in their department during the academic year. Chairs will forward their department summary report to their dean by June 2. Deans will summarize information for the courses assessed in their division and forward their division report to the Provost by June 23. The Provost will prepare an Academic Affairs' assessment report by July 21.

1. Briefly summarize the data that was collected related to each of the General Learning Outcomes and the plans for improvement if below 70%.

During the 2022 - 2023 AY the BEIT Division continued to review course content and assessments for the fall 2019 – spring 2023 assessment cycle. Faculty were provided training and/or refresher training to make sure they understood the process in order to determine areas of improvements for student learning. Any achievement level for any evaluation method that fell below the 70% minimum college standard was reassessed during the fall 2022/spring 2023 AY. Many of the courses that were assessed this academic year met the 70% or above GLO outcomes. Below are the three courses that fell below the 70% minimum college standard:

ACC128
ACC133
ACC226

Some of the courses have been completely revised, new textbooks and technology have been implemented, and course objectives and general learning outcomes have been reviewed/revised where appropriate using Bloom's taxonomy.

1a. Courses assessed/total number of eligible courses in your department or division during this past academic year = 165/ 519 = 32% (ex. 8/45=18%)
   Eligible courses reflect all approved courses in your department/division, including courses with an effective date, during this academic year. Re-assessed courses should not be included in this section. Report re-assessed courses in 1b below. (Please provide numbers, including zero (0), in the blanks below. If not applicable, indicate with an NA.)

Faculty:	46 FT	52 Adjunct		
Modality:	295 F2F	20 W2	82 W3	20 W4
Campus:	176 Main	140 Satellite	10 College Credit Plus	0 Early College	83 Online
Time:	213 Day	111 Evening	0 Weekend	81 Online	

1b. Courses re-assessed/total number of eligible courses in your department or division = 2/23 = 9% (ex. 8/45=18%)
   (Please provide numbers, including zero (0), in the blanks below. If not applicable, indicate with an NA.)

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Faculty:	4 FT	1 Adjunct		
Modality:	2 F2F	1 W2	3 W3	2 W4
Campus:	3 Main	2 Satellite	0 College Credit Plus	0 Early College 3 Online
Time:	3 Day	2 Evening	0 Weekend	3 Online

1c.	Programs, options, certificates affected by assessment/eligible programs, majors, certificates= 106/171 = 62% (ex. 1/3=33%)
1d.	Departments participating in assessment/eligible departments= 7/7 = 100 % (**To be completed by Deans ONLY)** (ex. 4/4=100%)

2. List the evaluation methods used to evaluate the GLOs and PLOs. Refer to examples on the course assessment templates and in the assessment handbook available on *mystarkstate*.

General Learning Outcomes (GLOs)		Program Learning Outcomes (PLOs)
Written Products (including submitted drawings)	Effective Communication (GLO1); Quantitative Literacy (GLO2); Information Literacy (GLO3); Critical Thinking (GLO4);	Capstone Projects
Cap Stone Experience	Effective Communication (GLO1); Quantitative Literacy (GLO2); Information Literacy (GLO3); Critical Thinking (GLO4); Global & Diversity Awareness (GLO5); Civic Professional and Ethic Responsibility (GLO6)	Capstone Projects
Oral Presentation	Effective Communication (GLO1); Quantitative Literacy (GLO2); Information Literacy (GLO3); Critical Thinking (GLO4); Global & Diversity Awareness (GLO5); Civic Professional and Ethic Responsibility (GLO6)	Capstone Projects
Juried Review and Performance	Effective Communication (GLO1); Quantitative Literacy (GLO2); Information Literacy (GLO3);	Capstone Projects

	Critical Thinking (GLO4); Global & Diversity Awareness (GLO5); Civic Professional and Ethic Responsibility (GLO6)	
Exam	GLO1: Effective Communication GLO2: Quantitative Literacy GLO3: Information Literacy GLO4: Critical Thinking GLO6: Civic, Professional and Ethical Responsibility	Pass the ASE (Automotive Service Excellence) certification exams Apply critical thinking skills to effectively diagnose automobiles with various faults Effectively communicate in a work environment. This includes both written and oral communication
Test	GLO1: Effective Communication GLO2: Quantitative Literacy GLO3: Information Literacy GLO4: Critical Thinking GLO6: Civic, Professional and Ethical Responsibility	Pass the ASE (Automotive Service Excellence) certification exams Apply critical thinking skills to effectively diagnose automobiles with various faults Effectively communicate in a work environment. This includes both written and oral communication
Laboratory Assignment	GLO1: Effective Communication GLO2: Quantitative Literacy GLO3: Information Literacy GLO4: Critical Thinking GLO5: Global Diversity and Awareness GLO6: Civic, Professional and Ethical Responsibility	Apply critical thinking skills to effectively diagnose automobiles with various faults Effectively communicate in a work environment. This includes both written and oral communication Apply the skills learned during the program to perform service procedures on vehicles.
Classroom Participation	GLO1: Effective Communication GLO2: Quantitative Literacy GLO3: Information Literacy GLO4: Critical Thinking GLO6: Civic, Professional and Ethical Responsibility	Apply critical thinking skills to effectively diagnose automobiles with various faults Effectively communicate in a work environment. This includes both written and oral communication Apply the skills learned during the program to perform service procedures on vehicles.
Individual Project	GLO1: Effective Communication GLO2: Quantitative Literacy GLO3: Information Literacy GLO4: Critical Thinking	Apply critical thinking skills to effectively diagnose automobiles with various faults Effectively communicate in a work environment. This includes both written and oral communication

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	GLO6: Civic, Professional and Ethical Responsibility	Apply the skills learned during the program to perform service procedures on vehicles.
Quiz	GLO1: Effective Communication GLO2: Quantitative Literacy GLO3: Information Literacy GLO4: Critical Thinking GLO6: Civic, Professional and Ethical Responsibility	Pass the ASE (Automotive Service Excellence) certification exams Apply critical thinking skills to effectively diagnose automobiles with various faults Effectively communicate in a work environment. This includes both written and oral communication
Homework	GLO1: Effective Communication GLO2: Quantitative Literacy GLO3: Information Literacy GLO4: Critical Thinking GLO6: Civic, Professional and Ethical Responsibility	Pass the ASE (Automotive Service Excellence) certification exams Apply critical thinking skills to effectively diagnose automobiles with various faults Effectively communicate in a work environment. This includes both written and oral communication
Attendance	GLO1: Effective Communication GLO2: Quantitative Literacy GLO3: Information Literacy GLO4: Critical Thinking GLO5: Global Diversity and Awareness GLO6: Civic, Professional and Ethical Responsibility	Apply critical thinking skills to effectively diagnose automobiles with various faults Effectively communicate in a work environment. This includes both written and oral communication Apply the skills learned during the program to perform service procedures on vehicles.
Hands-On Assessment	GLO1: Effective Communication GLO2: Quantitative Literacy GLO3: Information Literacy GLO4: Critical Thinking GLO6: Civic, Professional and Ethical Responsibility	Apply critical thinking skills to effectively diagnose automobiles with various faults Effectively communicate in a work environment. This includes both written and oral communication Apply the skills learned during the program to perform service procedures on vehicles.
Web Training	GLO1: Effective Communication GLO2: Quantitative Literacy GLO3: Information Literacy GLO4: Critical Thinking GLO6: Civic, Professional and Ethical Responsibility	Apply critical thinking skills to effectively diagnose automobiles with various faults Pass the ASE (Automotive Service Excellence) certification exams Effectively communicate in a work environment. This includes both written and oral communication

		Apply the skills learned during the program to perform service procedures on vehicles.
Practice Documents (keyboarding)	Effective Communication (GLO1) Information Literacy (GLO3) Critical Thinking (GLO4)	PLO's are being reviewed for the Digital Media and Administrative Technologies programs for the 2022-2025 three-year cycle to ensure the methods of assessment align with industry standards and needs.
Documents (keyboarding)	Effective Communication (GLO1) Information Literacy (GLO3) Critical Thinking (GLO4)	PLO's are being reviewed for the Digital Media and Administrative Technologies programs for the 2022-2025 three-year cycle to ensure the methods of assessment align with industry standards and needs.
Prescriptive Analysis	Effective Communication (GLO1) Information Literacy (GLO3)	PLO's are being reviewed for the Digital Media and Administrative Technologies programs for the 2022-2025 three-year cycle to ensure the methods of assessment align with industry standards and needs.
Presentations	Effective Communication (GLO1) Civic, Professional, and Ethical Responsibility (GLO6)	PLO's are being reviewed for the Digital Media and Administrative Technologies programs for the 2022-2025 three-year cycle to ensure the methods of assessment align with industry standards and needs.
Production progress checks	Effective Communication (GLO1) Information Literacy (GLO3) Critical Thinking (GLO4) Civic, Professional, and Ethical Responsibility (GLO6)	PLO's are being reviewed for the Digital Media and Administrative Technologies programs for the 2022-2025 three-year cycle to ensure the methods of assessment align with industry standards and needs.
Class discussions and participation	Effective Communication (GLO1) Civic, Professional, and Ethical Responsibility (GLO6)	PLO's are being reviewed for the Digital Media and Administrative Technologies programs for the 2022-2025 three-year cycle to ensure the methods of assessment align with industry standards and needs.
Writing skills	Effective Communication (GLO1) Quantitative Literacy (GLO2) Information Literacy (GLO3) Critical Thinking (GLO4) Civic, Professional, and Ethical Responsibility (GLO6)	PLO's are being reviewed for the Digital Media and Administrative Technologies programs for the 2022-2025 three-year cycle to ensure the methods of assessment align with industry standards and needs.
In class activities	Effective Communication (GLO1) Quantitative Literacy (GLO2) Information Literacy (GLO3) Critical Thinking (GLO4) Civic, Professional, and Ethical Responsibility (GLO6)	PLO's are being reviewed for the Digital Media and Administrative Technologies programs for the 2022-2025 three-year cycle to ensure the methods of assessment align with industry standards and needs.

Quizzes	Effective Communication (GLO1) Quantitative Literacy (GLO2) Information Literacy (GLO3) Critical Thinking (GLO4) Global and Diversity Awareness (GLO5) Civic, Professional, and Ethical Responsibility (GLO6)	PLO's are being reviewed for the Digital Media and Administrative Technologies programs for the 2022-2025 three-year cycle to ensure the methods of assessment align with industry standards and needs.
Tests and Final Exams	Effective Communication (GLO1) Quantitative Literacy (GLO2) Information Literacy (GLO3) Critical Thinking (GLO4) Global and Diversity Awareness (GLO5) Civic, Professional, and Ethical Responsibility (GLO6)	PLO's are being reviewed for the Digital Media and Administrative Technologies programs for the 2022-2025 three-year cycle to ensure the methods of assessment align with industry standards and needs.
Research assignments	Effective Communication (GLO1) Information Literacy (GLO3) Critical Thinking (GLO4) Global and Diversity Awareness (GLO5) Civic, Professional, and Ethical Responsibility (GLO6)	PLO's are being reviewed for the Digital Media and Administrative Technologies programs for the 2022-2025 three-year cycle to ensure the methods of assessment align with industry standards and needs.
Case Studies	Effective Communication (GLO1) Quantitative Literacy (GLO2) Information Literacy (GLO3) Critical Thinking (GLO4) Global and Diversity Awareness (GLO5) Civic, Professional, and Ethical Responsibility (GLO6)	PLO's are being reviewed for the Digital Media and Administrative Technologies programs for the 2022-2025 three-year cycle to ensure the methods of assessment align with industry standards and needs.
Chapter Exercises	GLO1: Effective Communication GLO2: Quantitative Literacy GLO3: Information Literacy GLO4: Critical Thinking	PLO's are being reviewed for the Computer Science and Information Systems programs for the 2022-2025 three-year cycle to ensure the methods of assessment align with industry standards and needs.

Chapter Tests	GLO2: Quantitative Literacy GLO3: Information Literacy GLO4: Critical Thinking	PLO's are being reviewed for the Computer Science and Information Systems programs for the 2022-2025 three-year cycle to ensure the methods of assessment align with industry standards and needs.
Discussion Postings	GLO1: Effective Communication GLO2: Quantitative Literacy GLO3: Information Literacy GLO4: Critical Thinking	PLO's are being reviewed for the Computer Science and Information Systems programs for the 2022-2025 three-year cycle to ensure the methods of assessment align with industry standards and needs.
Class Assignments	GLO1: Effective Communication GLO2: Quantitative Literacy GLO3: Information Literacy GLO4: Critical Thinking	PLO's are being reviewed for the Computer Science and Information Systems programs for the 2022-2025 three-year cycle to ensure the methods of assessment align with industry standards and needs.
Case Studies	GLO1: Effective Communication GLO2: Quantitative Literacy GLO3: Information Literacy GLO4: Critical Thinking	PLO's are being reviewed for the Computer Science and Information Systems programs for the 2022-2025 three-year cycle to ensure the methods of assessment align with industry standards and needs.
Participation	GLO1: Effective Communication GLO2: Quantitative Literacy GLO4: Critical Thinking	PLO's are being reviewed for the Computer Science and Information Systems programs for the 2022-2025 three-year cycle to ensure the methods of assessment align with industry standards and needs.
Final Exams	GLO2: Quantitative Literacy GLO3: Information Literacy GLO4: Critical Thinking	PLO's are being reviewed for the Computer Science and Information Systems programs for the 2022-2025 three-year cycle to ensure the methods of assessment align with industry standards and needs.
Final Projects	GLO1: Effective Communication GLO2: Quantitative Literacy GLO3: Information Literacy GLO4: Critical Thinking	PLO's are being reviewed for the Computer Science and Information Systems programs for the 2022-2025 three-year cycle to ensure the methods of assessment align with industry standards and needs.
Final Presentations	GLO1: Effective Communication GLO2: Quantitative Literacy GLO3: Information Literacy GLO4: Critical Thinking	PLO's are being reviewed for the Computer Science and Information Systems programs for the 2022-2025 three-year cycle to ensure the methods of assessment align with industry standards and needs.
FInal Research Papers	GLO1: Effective Communication GLO2: Quantitative Literacy GLO3: Information Literacy GLO4: Critical Thinking	PLO's are being reviewed for the Computer Science and Information Systems programs for the 2022-2025 three-year cycle to ensure the methods of assessment align with industry standards and needs.

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Attendance	GLO1: Effective Communication	PLO's are being reviewed for the Computer Science and Information Systems programs for the 2022-2025 three-year cycle to ensure the methods of assessment align with industry standards and needs.
Critical Thinking Exercises	GLO 1, 3, 4, 5	Formulate goals and strategies to analyze the internal and external environment of business and demonstrate proficiency with developing strategies to identify and solve organizational problems for new and existing businesses Describe and analyze patterns of organizational behavior within contemporary organizations and apply management skills, human relations skills and motivational methods to create and maintain a positive work environment Apply appropriate mathematical, statistical and other quantitative and business methods to analyze business situations Utilize specialized business skills in the areas of marketing, entrepreneurship, business development, operations, economics, as applicable, to understand businesses and how they interact with stakeholders inside and outside the organization
Class Discussions/Discussion Forums	GLO 1, 2, 3, 4, 5, 6	Demonstrate and apply professionalism, teamwork, and oral communications skills
Exams/Tests/Quizzes	GLO 1, 2, 3, 4, 5, 6	Apply appropriate mathematical, statistical and other quantitative and business methods to analyze business situations Utilize specialized business skills in the areas of marketing, entrepreneurship, business development, operations, economics, as applicable, to understand businesses and how they interact with stakeholders inside and outside the organization
Homework Assignments	GLO 1, 2, 3, 4, 5, 6	
Article reviews/Research Projects/Research Papers/Essays/Written Assignments/Case Studies	GLO 1, 3, 5, 6	Demonstrate knowledge of subject material through critical inquiry

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Class Presentations	GLO 1, 2, 3, 4, 5, 6	Formulate goals and strategies to analyze the internal and external environment of business and demonstrate proficiency with developing strategies to identify and solve organizational problems for new and existing businesses

Describe and analyze patterns of organizational behavior and apply management skills, human relations skills and motivational methods to create and maintain a successful business

Apply appropriate mathematical, statistical and other quantitative and business methods to analyze business situations

Utilize specialized business skills in the areas of marketing, entrepreneurship, business development, operations, economics, as applicable, to understand businesses and how they interact with stakeholders inside and outside the organization

Demonstrate and apply professionalism, teamwork, and oral communications skills |
| Production Evaluation | GLO 1, 2, 3, 4, 6 | Utilize specialized business skills in the areas of marketing, entrepreneurship, business development, operations, economics, as applicable, to understand businesses and how they interact with stakeholders inside and outside the organization
Apply appropriate mathematical, statistical and other quantitative and business methods to analyze business situations |
| Unit Tests | Effective Communication (GLO1); Quantitative Literacy (GLO2); Information Literacy (GLO3); Critical Thinking (GLO4); Global and Diversity Awareness (GLO5); Civic, Professional, and Ethical Responsibility (GLO6) | PLO's are being reviewed for the Accounting and Finance programs for the 2019-2022 three-year cycle to ensure the methods of assessment align with industry standards and needs. |
| Quizzes | Effective Communication (GLO1); Quantitative Literacy (GLO2); Information Literacy (GLO3); | PLO's are being reviewed for the Accounting and Finance programs for the 2019-2022 three-year cycle to ensure the methods of assessment align with industry standards and needs. |

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	Critical Thinking (GLO4); Global and Diversity Awareness (GLO5); Civic, Professional, and Ethical Responsibility (GLO6)	
Research Projects	Effective Communication (GLO1); Quantitative Literacy (GLO2); Information Literacy (GLO3); Critical Thinking (GLO4); Global and Diversity Awareness (GLO5); Civic, Professional, and Ethical Responsibility (GLO6)	PLO's are being reviewed for the Accounting and Finance programs for the 2019-2022 three-year cycle to ensure the methods of assessment align with industry standards and needs.
Case Studies and Briefs	Effective Communication (GLO1); Quantitative Literacy (GLO2); Information Literacy (GLO3); Critical Thinking (GLO4); Global and Diversity Awareness (GLO5); Civic, Professional, and Ethical Responsibility (GLO6)	PLO's are being reviewed for the Accounting and Finance programs for the 2019-2022 three-year cycle to ensure the methods of assessment align with industry standards and needs.
Discussion Forums	Effective Communication (GLO1); Quantitative Literacy (GLO2); Information Literacy (GLO3); Critical Thinking (GLO4); Global and Diversity Awareness (GLO5); Civic, Professional, and Ethical Responsibility (GLO6)	PLO's are being reviewed for the Accounting and Finance programs for the 2019-2022 three-year cycle to ensure the methods of assessment align with industry standards and needs.
Team Research Paper	Effective Communication (GLO1); Quantitative Literacy (GLO2); Information Literacy (GLO3); Critical Thinking (GLO4); Global and Diversity Awareness (GLO5); Civic, Professional, and Ethical Responsibility (GLO6)	PLO's are being reviewed for the Accounting and Finance programs for the 2019-2022 three-year cycle to ensure the methods of assessment align with industry standards and needs.
In-Class Team Presentations	Effective Communication (GLO1); Quantitative Literacy (GLO2); Information Literacy (GLO3);	PLO's are being reviewed for the Accounting and Finance programs for the 2019-2022 three-year cycle to ensure the methods of assessment align with industry standards and needs.

	Critical Thinking (GLO4); Global and Diversity Awareness (GLO5); Civic, Professional, and Ethical Responsibility (GLO6)	
Online homework Assignments	Effective Communication (GLO1); Quantitative Literacy (GLO2); Information Literacy (GLO3); Critical Thinking (GLO4); Global and Diversity Awareness (GLO5); Civic, Professional, and Ethical Responsibility (GLO6)	PLO's are being reviewed for the Accounting and Finance programs for the 2019-2022 three-year cycle to ensure the methods of assessment align with industry standards and needs.
Other homework Assignments	Effective Communication (GLO1); Quantitative Literacy (GLO2); Information Literacy (GLO3); Critical Thinking (GLO4); Global and Diversity Awareness (GLO5); Civic, Professional, and Ethical Responsibility (GLO6)	PLO's are being reviewed for the Accounting and Finance programs for the 2019-2022 three-year cycle to ensure the methods of assessment align with industry standards and needs.
Peer Evaluations	Effective Communication (GLO1); Quantitative Literacy (GLO2); Information Literacy (GLO3); Critical Thinking (GLO4); Global and Diversity Awareness (GLO5); Civic, Professional, and Ethical Responsibility (GLO6)	PLO's are being reviewed for the Accounting and Finance programs for the 2019-2022 three-year cycle to ensure the methods of assessment align with industry standards and needs.
Written Reports	Effective Communication (GLO1); Quantitative Literacy (GLO2); Information Literacy (GLO3); Critical Thinking (GLO4); Global and Diversity Awareness (GLO5); Civic, Professional, and Ethical Responsibility (GLO6)	PLO's are being reviewed for the Accounting and Finance programs for the 2019-2022 three-year cycle to ensure the methods of assessment align with industry standards and needs.
Comprehensive Final Exams	Effective Communication (GLO1); Quantitative Literacy (GLO2); Information Literacy (GLO3);	PLO's are being reviewed for the Accounting and Finance programs for the 2019-2022 three-year cycle to ensure the methods of assessment align with industry standards and needs.

	Critical Thinking (GLO4); Global and Diversity Awareness (GLO5); Civic, Professional, and Ethical Responsibility (GLO6)	
Exams and Quizzes	Effective Communication - GLO1; Quantitative Literacy - GLO2; Critical Thinking - GLO4; Civic, Professional and Ethical Responsibility - GLO6	Demonstrate knowledge of theory and practice acquired through lectures, demonstrations, and laboratory practice
Attendance and Participation	Civic, Professional, and Ethical Responsibility - GLO6	Demonstrate and practice good work/employment habits
Homework Assignments	Effective Communication - GLO1; Quantitative Literacy - GLO2; Information Literacy - GLO3; Critical Thinking - GLO4	Demonstrate learned knowledge and practice
Performance Based Assessments (Lab Assignments	Effective Communication - GLO1; Quantitative Literacy - GLO2; Critical Thinking - GLO4; Civic, Professional and Ethical Responsibility - GLO6	Working Effectively in Teams Demonstrate safety and skill set being developed
Written Assignments (including submittal of drawings)	Effective Communication - GLO1; Information Literacy - GLO3; Critical Thinking - GLO4; Civic, Professional, and Ethical Responsibility - GLO6	Demonstrate proficiency in drawing interpretation, utilization, and implementation
Oral Presentations	Effective Communication - GLO1; Information Literacy - GLO3; Critical Thinking - GLO4;	Hands-on activities containing oral presentations and interactions demonstrating acquired skill sets
Capstone Experience	Effective Communication - GLO1; Information Literacy - GLO3; Critical Thinking - GLO4; Civic, Professional, and Ethical Responsibility - GLO6	Understanding and Diagnosis applications in coursework. Completion of certifications.

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3. Include evidence of students achieving or not achieving the learning outcomes. List each course assessed and re-assessed with the GLOs for each course including the complete data and percentages.						
Course Assessed or Re-Assessed	GLO1: Effective Communication	GLO2: Quantitative Literacy	GLO3: Information Literacy	GLO4: Critical Thinking	GLO5: Global & Diversity Awareness	GLO6: Civic, Professional, & Ethical Responsibility
TOTAL	94%	81%	95%	94%	94%	94%

4. Outline and summarize the action plans that have been developed to improve student learning based on the evidence for this year.

Each department continually reviews and monitors each course and program to ensure student learning outcomes are achieved. In addition to improvement plans for the various methods of evaluation, improvement strategies for course sequencing/alignment, tutoring, advising, communication, training of faculty, and early intervention are discussed, reviewed, updated and/or implemented.

Many of the course offerings for the academic year that were assessed exceeded the criteria for student learning outcomes. However, there were three courses that fell below the 70% criteria; therefore, we will continue to improve learning outcomes by following the guidelines below in areas specifically where reassessment occurs.

- Instructors will reinforce key concepts from prior accounting classes to improve student learning outcomes.
- Instructors will provide appropriate support materials on Blackboard and take advantage of extensive web-based resources from publishers including videos and online applications of concepts.
- Online instructors will encourage better student advising regarding the rigors of and discipline and time-commitment required of web-based classes. They will also increase the use of video and audio-based learning within W2, W3 and W4 sections and continue to encourage students to take advantage of those resources.
- Instructors with assessment methods that fall below the minimum requirement will place more emphasis on the key concepts contained in the applicable sections of the course and continue to evaluate specific testing and assignments to be sure the key concepts are being practiced and explained.
- Instructors will emphasize to students the availability and benefits of utilizing our tutoring center, both in person and online in Zoom.
- We will continue to reevaluate the validity of test and quiz questions and problems to be sure they are relating closely to instruction provided.
- Faculty will continue to review the GLO's, PLO's, and SLO's as well as review the methods of evaluation of all the department's courses.
- Instructors will continue to emphasize to students the availability and benefits of using the Tutoring Center
- We will continue to reevaluate the validity of test and quiz questions and problems
- We will continue to provide appropriate support materials on Blackboard

- We will continue to reevaluate study guides and review exercises
- We will reevaluate Online Exercises and Discussion Forum topics
- Attempt to provide additional materials to support content of chapters
- Evaluate the addition of assignments and course objectives to support the GLO's
- Faculty will continue to review the GLO's and the methods of evaluation of all the department's courses

5. What steps did you take to ensure shared responsibility from faculty/staff/students/advisory boards/etc. for student learning and assessment of student learning?

We are continuing the practice of Department Chairs requiring faculty to evaluate their course/courses assessment and to review their plans for improvement that they identified on the course assessment forms from previous semesters/cycle. They are also instructed to re-assess any method of evaluation that fell below the minimum standard and report the achievement level. Chairs were asked once again to mentor and instruct any adjuncts that were teaching a course that needed to be assessed or reassessed during the 2022-2023 AY.

All Master and Class syllabi are housed on the "G" drive for easy access to full and part-time faculty. One-on-one sit down mentoring is available for full-time and part-time faculty to assure full understanding and compliance with the required assessment form completion. This aids in accurate reporting. Advisory committees meet to discuss course offerings and any proposed changes. Student attendance is always documented to help ensure student success through mentor/faculty interaction with students.

6. Identify the steps you plan to take to improve the effectiveness of the efforts to assess and improve student learning for next year.

Steps for Improvement	Resource(s) Needed
Review the outcomes of faculty's student success goals (addressed on Performance Evaluations).	Meet with faculty throughout the year to review the progress they are making on their goals and assess if additional resources are needed.
Encourage faculty attendance at Best Practices workshops and professional development opportunities.	Additional funding for off-campus professional development opportunities.
Track enrollment and retention data to measure the effectiveness of action plans from current and past assessment periods.	Access to reports in ARGOS.
Make tutoring available for students taking ET courses	Qualified Tutors
New electronic lab implementation	Focus Groups/Curriculum Meetings
PowerPoint review and update	Focus Groups/Curriculum Meetings
Update the LMS	Focus Groups/Curriculum Meetings
Tool and equipment assessment	Focus Groups/Curriculum Meetings

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New book implementation	Focus Groups/Curriculum Meetings
Altering tests to match new book	Focus Groups/Curriculum Meetings
Conduct department "best practice" meetings (including adjunct and college credit plus instructors each semester)	N/A
Development of course coordinator checklist and duties to ensure the methods of evaluation align with the GLOs.	N/A
Continue to development master courses for key courses in the department. This is continually updated each semester.	N/A
Biweekly department meeting	NA
Fall and spring advisory board meetings	NA
BLACKBOARD/BANNER training	E-Learning/SSC Instructional and videos available, CMS
Software Updates/New Purchases	funds allocated for the purchase of upgrades and new licenses – improvements to lab hardware and keeping current with all software
Revision of assessments/assignments	NA
Research additional/best practices of student engagement	NA
Revisions to General Learning Outcomes	NA
Implement technology in the classroom where possible to increase student success	potential funds for purchasing these tools - improvements to labs, hardware, and software relating to cutting-edge technologies
Discuss Assessment in Department Meetings	N/A
Discuss Assessment in Advisory Board Meetings	N/A
Review all syllabi at the beginning of each semester to ensure alignment of GLOs with course objectives and methods of evaluation	N/A
Enhance assessment training for all faculty, including Adjuncts	Department Coordinator
Creation of new homework assignments and revisions to existing homework assignments	N/A
Evaluation of and revisions to material and subjects covered in the classroom, demonstrate more in-class exercises	N/A

Continued mentoring of Adjunct faculty by full-time faculty for consistent content, resources and delivery methods across all sections of each course and within the department.	N/A
Add additional review of material covered in previous courses	N/A
Implement additional small group work to reinforce concepts	N/A
Increase video and audio resources provided to web students in Blackboard to enhance and increase learning ability for different learning styles.	N/A
Continued assessment training, including Academic Program Review training for all faculty, including Adjuncts	N/A
Course accessibility. Review all course modality options	Focus Groups/Curriculum Meetings
Review of course content on a yearly basis	Focus Groups/Curriculum Meetings
Student Touring for all course offerings	Focus Groups/Curriculum Meetings
Revised advising format to ensure student success	Focus Groups/Curriculum Meetings
Equipment and textbook review	Focus Groups/Curriculum Meetings