

Please make any necessary changes to the department's purpose statement, goals, or student learning outcomes. Remember each SLO must be assessed between program review cycles.

Technology/ Auto Restoration Program Purpose Statement:

The department of technology commits itself to developing whole persons through experiential problem solving and the systematic study of technology.

The department achieves this purpose when its students:

Program Student Learning Outcomes	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Demonstrate awareness of how technology changes and interacts with society	Program Review			Assessment Planning	X		Program Review-Spring
Possess a professional orientation for employment or advanced programs, or develop vocational interests in technology						X	
Have acquired technical skills and craftsmanship through systematic study, experiences with technological artifacts, and the solving of technical problems.						X	

Technology Major

McPherson College offers a unique degree program of authentic auto restoration technology emphasizing hands-on skills and historical research. This program results in a unique departmental blend of contemporary technology and traditional craftsmanship. The Bachelor of Science in Technology major has six different options from which to choose:

Historic Automotive Technology Option Goals:

The goal of the Historic Automotive Technology option is to develop graduates who are prepared for professional pursuits in the area of automotive history and/or graduate study.

This program achieves its purposes when graduates:

Program Student Learning Outcomes	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Demonstrate an understanding of the major technological systems of the automobile	Program Review			Assessment Planning		X	Program Review-Spring
Demonstrate an understanding of authentic antique automobile restoration materials, methods and techniques						X	
Demonstrate proficiency in the use of the materials and tools necessary to complete authentic automobile restoration work						X	
Demonstrate the attitudes, knowledge and skills necessary to pursue a successful career in antique automobile restoration						X	
Possess knowledge of historical automotive research material sources, methods and techniques necessary to complete historically accurate automotive restorations						X	
Demonstrate knowledge of the historical role of the automobile in modern society						X	
Demonstrate knowledge of the role of the automobile in the history of transportation, technology and science.						X	

Automotive Restoration Management Option Goals:

The goal of the Automotive Restoration Management option is to develop graduates who are prepared for professional pursuits and/or graduate study.

This program achieves its purposes when its graduates:

Program Student Learning Outcomes	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Demonstrate an understanding of the major technological systems of the automobile	Program Review			Assessment Planning		X	Program Review-Spring
Demonstrate an understanding of authentic antique automobile restoration materials, methods and techniques						X	
Demonstrate proficiency in the use of the materials and tools necessary to complete authentic automobile restoration work						X	
Demonstrate the attitudes, knowledge and skills necessary to pursue a successful career in antique automobile restoration						X	
Capitalize on Automotive Restoration Technology program connections with automotive business to place students in productive internships						X	
Demonstrate knowledge, understanding, and application of the principles, concepts, and tools in each key content area of their major						X	
Perform research, analysis, and critical thinking necessary to integrate key content from various business disciplines and other dimensions of society						X	
Perform effectively in groups						X	
Persuasively communicate business-related ideas in a variety of media and settings.						X	

Automotive Communication Option Goals:

The goal of the Automotive Communications Major Option is to develop graduates who have the skills and technical knowledge to communicate effectively in a variety of media to an audience focused on automotive issues.

This program achieves its purposes when its graduates:

Program Student Learning Outcomes	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Demonstrate knowledge of methods and techniques necessary to complete and document historically accurate automotive restorations	Program Review			Assessment Planning		X	Program Review-Spring
Demonstrate knowledge of the historical role of the automobile in modern society and of historical automotive research material sources						X	
Demonstrate oral and written communication skills necessary to pursue a successful career in automotive communication, publishing or other media						X	
Design attractive, effective documents, graphics, and publications targeted at specific audiences					X		
Understand the media of communication, including mass media and computer technologies						X	
Make ethical choices in their professional lives.						X	

Automotive Restoration Design Technology Option Goals:

The Automotive Restoration Design Technology option is for the student who wishes to pursue a career in automotive art. This option will develop majors who possess the technical knowledge and artistic abilities necessary to execute a variety of art skills sensitively and intelligently, analyze and critique art, and relate the creative process to life in personally meaningful ways.

This degree option within the technology and art departments is oriented to meet the needs of students who (1) wish to develop and refine their aesthetic values (2) plan for careers as automotive artists (3) plan to further their art education in graduate school.

This program achieves its purposes when its graduates:

Program Student Learning Outcomes	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Demonstrate an understanding of the major technological systems of the automobile	Program Review			Assessment Planning		X	Program Review-Spring
Demonstrate an understanding of authentic antique automobile restoration materials, methods and techniques						X	
Demonstrate proficiency in the use of the materials and tools necessary to complete authentic automobile restoration work						X	
Possess knowledge of historical automotive research material sources, methods and techniques necessary to complete and document historically accurate automotive restorations						X	
Demonstrate knowledge of the historical role of the automobile in modern society						X	
Demonstrate knowledge of the role of the automobile in the history of transportation, technology and science						X	
Demonstrate the attitudes, knowledge and skills necessary to pursue a successful career in automotive art using a variety of media						X	
Demonstrate performance in a variety of art media						X	
Demonstrate analysis and critique in verbal and written form						X	
Demonstrate an understanding of design principles and elements						X	
Demonstrate awareness of Western and non- Western cultural contributions to art						X	
Demonstrate meaningful connections of art to life through the development of keen perceptual abilities					X		

Automotive Restoration Technology Option Goals:

The Automotive Restoration Technology option is for the student who intends to pursue the authentic restoration of vintage and classic vehicles and develop values of craftsmanship, with attention to detail and an emphasis on authenticity. Graduates will be able to reference a wide variety of processes, methods and will have research capabilities. Graduates will be able to understand the automobile as a technological system and understand its development and role in the world.

This program achieves its purposes when its graduates:

Program Student Learning Outcomes	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Demonstrate an understanding of the major technological systems of the automobile	Program Review			Assessment Planning		X	Program Review-Spring
Demonstrate an understanding of authentic antique automobile restoration materials, methods and techniques						X	
Possess knowledge of historical automotive research material sources, methods and techniques necessary to complete and document historically accurate automotive restorations						X	
Demonstrate proficiency in the use of the materials and tools necessary to complete authentic automobile restoration work						X	
Demonstrate the attitudes, knowledge and skills necessary to pursue a successful business career in antique automobile restoration						X	
Demonstrate knowledge of the historical role of the automobile in modern society						X	
Demonstrate knowledge of related and supporting scientific fields						X	

Motorcycle Restoration Technology Option Goals:

Motorcycle Restoration Technology is the option for the student who intends to pursue the authentic restoration of vintage and classic motorcycles and to help develop values of craftsmanship, with attention to detail and an emphasis on authenticity. Graduates will not only possess a wide range of knowledge of the processes necessary to complete the restoration but have the research skills to ensure an accurate and authentic restoration. Graduates will understand the technical systems of the motorcycle as well as its role in society and the world of transportation.

This program achieves its purposes when its graduates:

Program Student Learning Outcomes	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Demonstrate an understanding of the major technical systems of the motorcycle	Program Review			Assessment Planning		X	Program Review-Spring
Demonstrate an understanding of authentic antique and vintage motorcycle restoration materials, methods and techniques						X	
Possess knowledge of historical motorcycle research material sources, methods and techniques necessary to complete and document historically accurate motorcycle restorations						X	
Demonstrate proficiency in the use of the materials and tools necessary to complete authentic motorcycle restoration work						X	
Demonstrate the attitudes, knowledge and skills necessary to pursue a successful business career in antique and vintage motorcycle restoration						X	
Demonstrate knowledge of the historical role of the motorcycle in modern society						X	

1. Select Your Department	Auto Restoration
2. Has the program's purpose, SLOs, or program review year changed from the above document?	Yes
Upload the edited Purpose/SLO doc here.	app.captainform.com/upload_dld.php?fileid=258060ece24bbe4719197c4d852daec2
3. Will/did the department submit a program review this year? If yes, please attach the final review as a pdf document.	No
Upload program review pdf.	
1. Please select the type of direct evidence of student learning that was gathered THIS YEAR.	
-Artistic exhibition/performance	yes
-Capstone work product (e.g. written paper, presentation, research)	yes
-Exam created by department or external agency	yes
-Oral performance (e.g. oral presentation, conference presentation)	yes
-Portfolio of student work	yes
Please describe any other direct evidence gathered this year	Depending on the emphasis that a particular student takes in the AR program, they exhibit difference direct evidence. For example, seniors in the Technology emphasis take a comprehensive written exam, give an oral presentation and create a portfolio. Students in the history emphasis complete a written research paper and then prepare an oral presentation. Design emphasis AR students exhibit their work in Friendship Hall.
2. Please select the type of indirect evidence of student learning that was gathered THIS YEAR.	
Please describe any other indirect evidence gathered this year:	This is an area that we can improve. We do reach out to alumni, but I am not aware of asking specific SLO achievement questions.
3. Please select how the evidence was evaluated, analyzed, or interpreted.	
-Used a rubric/scoring guide	yes
-Scored exams/quizzes	yes
4. Enter the number of students assessed for each SLO.	26
5. Summarize the results of the assessment activities checked in questions 4,5 and 6. Include the percentage of students that met or exceeded each SLO.	[%5. Summarize the results of the assessment activities checked in questions 4,5 and 6. Include the percentage of students that met or exceeded each SLO.%]
6. Please upload any supporting documentation (i.e. rubrics, data analysis, charts/tables, department minutes, etc.)	
7. What describes how the program plans to use the results?	
-Assessment procedure changes (SLOs, curriculum map rubrics, evidence collected, sampling, communications with faculty, etc.)	Yes
-Student's out-of-course experience changes (advising, co-curricular experiences, program website, program purpose or SLOs)	yes
-Use is pending (typical reasons: insufficient number of students in population, evidence not evaluated or interpreted yet, faculty discussions continue)	yes
Please describe any other uses not listed:	Over this next year we will be discussing more in detail how we can modify our SLO's in order to better measure our students' successes. This will be in preparation for our program review for 2018-2019. I believe it will also be beneficial to look more at indirect ways.

1. The department will submit a program review NEXT YEAR.	Yes
2. SLO(s) the department will assess NEXT YEAR is/are:	
3. Please select the type of direct evidence of student learning the department plans to use NEXT YEAR.	
-Artistic exhibition/performance	no
-Assignment/exam paper completed as part of regular coursework and used for program-level assessment	no
-Capstone work product (e.g. written paper, presentation, research)	no
-Exam created by department or external agency	no
-Exit exam created by the program	no
-Oral performance (e.g. oral presentation, conference presentation)	no
-Portfolio of student work	no
-Supervisor or employer evaluation of student performance outside the classroom (internship, field experience, practicum, student teaching)	no
Please describe any other direct evidence planned for next year:	
4. Please select the type of indirect evidence of student learning that was gathered NEXT YEAR.	
-Interviews or focus groups that contain self-reports of SLO achievement	no
-Employer meetings/discussions/survey interview of student SLO achievement	no
-Student reflective writing assignment (essay, journal entry, self-assessment) on their SLO achievement	no
-Alumni survey that contains self-reports of SLO achievement	no
-Student surveys (course evaluation additional questions, program created, from institutional student survey data) contain reports of SLO achievement	no
Please describe any other indirect evidence planned for next year:	
5. Based on previous assessment data, what percentage of students does the department expect to meet or exceed the SLO(s)?	
6. Is the department interested in learning how to apply for an assessment grant?	No