

The “MPortfolio Experiences” exercise should have gotten you started in thinking about your most memorable and impactful learning experiences to date and how they embody one or more of the Michigan Engineering. You will now use these same competencies to describe where you are right now with developing your skill set, as well as how you would like to see yourself develop in these areas.

Michigan Engineering Competencies

Communication: Ability to listen, reflect, and convey information effectively in a variety of media (oral, written, digital, graphical) to diverse audiences with different needs and perspectives across a variety of settings and contexts.

Creativity: Ability to create ideas, processes, products that are both novel (unique, original, atypical, cutting-edge) and appropriate (relevant, practical, useful, applicable, fitting, effective).

Empathy: Ability to take the perspective of someone else by reasoning from their premises, assumptions, or ideas in order to facilitate effective communication.

Entrepreneurial Mindset: Ability and intent to engage proactive, innovative strategies in various contexts to solve ambiguous problems.

Ethics: Fully engage stakeholders to recognize that actions have consequences, and that one must act with integrity and trustworthiness to promote the common good.

Global/Cultural Awareness: Ability to understand, practice, and articulate one's own cultural identity to better adapt to and interact with other individuals and cultures. (cultural, technical, religious, etc.)

Grit/Resilience/Persistence: Ability to persevere and maintain passion for achievement of long-term goals.

Leadership: Seeking opportunities to cultivate an environment that collectively develops a

shared purpose and inspires others to work toward it.

Lifelong Learning: Ongoing desire and fundamental ability to recognize personal skills/knowledge deficits; seek out and acquire needed skills and knowledge; and explore and develop new interests, talents, and passions.

Risk Management: Ability to critically assess available information, take action despite uncertainty, manage outcomes, and learn from failure as well as from success.

Systems Thinking (Authentic Problem Solving): Ability to understand the complex structures embedded in a system while maintaining a view of the big picture problem to be solved.

Teamwork: Working to achieve a shared goal by leveraging individuals with different perspectives, roles, responsibilities, and aptitudes to overcome conflict and create community.

INSTRUCTIONS

Use the chart on the following page to connect your top learning experiences to date to the Michigan Engineering competencies listed above.

Pre-work: *Important!* Before starting this assignment, you should complete the MPortfolio Experiences exercise worksheet for 5-10 experiences.

Step One: On the attached document, select your current level of proficiency by typing an “X” in the corresponding box. An explanation for each level of proficiency is included below.

Step Two: Describe in detail your reasons for your selections.

Step Three: Provide specific details on how you plan to increase your level of proficiency in each area. You may want to add some of your responses to your Goals document.

Step Four: Create section in your MPortfolio called Honors Plan (or something similar) and upload this grid along with your SMART goals and Focus Area Plan. You may make that work private, if desired, and share it only honorsgsi@umich.edu

Proficiency Scale

Developing	Proficient	Exemplary
Few prior experiences, skills or knowledge in this area	Substantial prior experiences, skills or knowledge in this area	A wide array of prior experiences, strong skills or knowledge in this area
ex. I've taken ENTR 407 or another entrepreneurial course, but I still think I've just started learning about what constitutes an "entrepreneurial mindset"	ex. I've expanded my breadth on intercultural intelligence by taking three classes on different cultures, and studying abroad, but I don't know much about many other cultures in-depth	ex. participating in MECC over the past three years has strengthened my collaboration skills to an exemplary level

Michigan Engineering Competency	My Current Level of Proficiency (place an "X" in the box you select)			Why did I select this proficiency level?	What will I do to further develop in this area?
	Developing	Proficient	Exemplary		
Communication			X	I have experience working and communicating with a variety of difference people and groups through my participation in One Team Coding, Apex Trading Group, the Big Shoulders Fund, and UMRFC. I have learned to take in all of the information around me and communicate my thoughts and ideas clearly.	I will continue to participate in my extracurricular activities to maintain and further strengthen my communication skills so that I remain able to take in all of the information around me and communicate my thought effectively to different audiences.

Creativity		X		As a computer science major and an engineer, I am constantly tasked with developing novel, unique solutions to problems both within class and in my extracurricular activities.	I will continue to push myself to come up with unique solutions to solve problems that I come across and further develop my creativity skills through problem solving.
Empathy		X		I believe that I often take on the role of facilitator in group discussions and I consistently take it upon myself to try and involve everyone in the conversation and understand the discussion from their point of view in order to facilitate efficient communication.	I will continue to try to place myself in the shoes of other people when I am in conversation with them so that I can understand where their thinking comes from so that we can effectively communicate and find solutions to problems.
Entrepreneurial Mindset		X		I have taken ENTR 407 and have had prior experience applying the entrepreneurial mindset to the creation of my own product and business idea	I will continue to search for ways in which I can use my entrepreneurial mindset to find new ways to improve my product and develop new ones
Ethics		X		I believe that I have a very strong foundational knowledge of knowing what is right and what is wrong and actively incorporate that knowledge into my decision making process to weigh the pros and cons of a decision.	I will continue to develop my sense of ethics and incorporate it into my decision making process in order to make the best decisions not only for myself but also for others.
Global/Cultural Awareness			X	I have travelled to over 50 countries around the world and have interacted and learned from people of all different types of cultures and have experienced these cultures firsthand. This allows me to act respectfully towards others of different cultures and to understand	I will continue to apply my knowledge and experience with different cultures in order to better understand, respect, and include people from different backgrounds and cultures into conversations.

				their cultural backgrounds and how it influences their way of thinking.	
Grit/Resilience/Persistence			X	As a member of the University of Michigan Men's Rugby Team, I attended numerous practices and team meetings where I persevered through difficult physical and mental situations.	I will continue to challenge myself in difficult situations and persevere through them to improve my grit and discipline so that I have the strength to solve difficult problems in the future.
Leadership		X		I have taken on numerous leadership positions in the past to help develop my skills in leading a team and making decisions to benefit the team or group as a whole.	I will continue to drive myself to take on more leadership responsibilities in my extracurricular activities so that I can eventually attain leadership positions which will allow me to further develop my leadership skills.
Lifelong Learning		X		I have consistently excelled in my academics and challenge myself to take classes which will expand and strengthen my knowledge in the future.	I will continue to challenge myself to take difficult classes which will expand my knowledge and work on personal and extracurricular activities which will allow me to learn new things.
Risk Management		X		I have many experiences with analyzing risk behind decisions as well as making decisions and learning from the outcomes.	I will continue to analyze my decisions and decide what risks can be taken in order to improve outcomes and which ones should not be. Also, I will learn from my mistakes and the outcomes of my decisions to improve my decision making in the future.
Systems Thinking			X	As a computer science major, I am very experienced in the concept of abstraction, solving small parts of a problem in order to solve the larger problem at hand.	I will continue to apply my computer science problem solving mindset to problems in my life, academic or not, in order to solve smaller parts of the problem while still keeping

					the big picture in mind.
Teamwork			X	As a member of various different academic and non-academic teams, I believe that I have developed teamwork skills that will allow me to be an effective team player in groups in the future.	I will continue to strive to be a good teammate and develop the communication and leadership skills that come along with being a part of a team.

(Include additional comments here, as needed.)