

Degree Required ChE Courses

Prerequisite Map



Michigan Tech
Chemical Engineering

Knowledge gained in prerequisite classes leads to success in your chemical engineering classes. The table below shows which courses are required for your later chemical engineering courses. This information is critical for planning out future semesters.

A “(C)” indicates a prerequisite that you can take concurrently, at the same time, with the course.

		Prerequisite Classes				Class	Name
		Gen Ed	Math	Chemistry	Physics		
2 nd Year				CH 1150/51			CM 2110 Fund of ChE I
						CM 2110	CM 2120 Fund of ChE II
3 rd Year			MA 3160, Diff Eqns		PH 2100	CM 2120	CM 3110 Transport I
			Diff Eqns			CM 2120, CM 3110	CM 3120 Transport II
		UN 1015	Diff Eqns			CM 3110(C)	CM 3215 Transport Lab
			MA 3160, Diff Eqns(C)	CH 3510			CM 3230 Thermodynamics
			Diff Eqns		PH 2200	CM 2110, CM 2120	CM 3310 Process Control
			Diff Eqns	CH 2410		CM 2110, CM 3110, CM 3230(C)	CM 3510 Chem Rxn Eng'g
4 th Year						CM 3120, CM 3215, CM 3230, CM 3510, CM 4310(C)	CM 4110 UO Lab
						CM 3215, CM 3310, CM 4110	CM 4120 Chem Plant Lab
						CM 3120, CM 3230	CM 4310 Safety/Envn
				CH 2410		CM 3120, CM 3215, CM 3230, CM 3510	CM 4855 ChE Design I
						CM 4855	CM 4860 ChE Design II
						CM 4860(C)	CM 4861 ChE Design II Lab

Questions? Check out our advising FAQs page:
www.mtu.edu/chemical/undergraduate/advising/