Program Name: Engineering						
	Outcome #1	**Outcome #2**	**Outcome #3**	**Outcome #4**	**Outcome #5**	**Outcome #6**
Key in learning outcomes in the cells to the right.	An ability to apply knowledge of mathematics, science, and engineering.	An ability to design and conduct experiments, as well as to analyze and interpret data.	An ability to design a system, component, or process to meet desired needs within specified constraints.	An ability to function on multidisciplinary teams. An ability to communicate effectively.	An ability to identify, formulate, and solve engineering problems.	An ability to use the techniques, skills, and modern engineering tools necessarry for succesful practice.
Course Name/Section Number						
EGR 103 Introduction to Engineering	Apply knowledge of mathematics, science and engineering	Design and conduct experiments and analyze and interpret data	Develop computer skills including the use of the internet and databases for research, spreadsheets, mathematics software, word processors, graphical presentation software and engineering drawing software. Identify, formulate and solve	Function in multi-disciplinary teams and develop an understanding of group dynamics. Develop communication skills including oral, written and visual	Identify, formulate and solve engineering problems	Develop computer skills including the use of the internet and databases for research, spreadsheets, mathematics software, word processors, graphical presentation software and engineering drawing software.
EGR 108 Statics	An ability to apply knowledge of mathematics, science, and		An ability to design a system, component, or process to meet desired needs.	An ability to communicate effectively.	An ability to identify, formulate and solve engineering problems.	An ability to use the techniques, skills, and modern engineering tools
MAT 203 Calculus I	Apply mathematical methods involving arithmetic, algebra, geometry and graphs to solve problems.	Interpret and analyze numerical data, mathematical concepts, and identify patterns to formulate and		Represent mathematical information and communicate mathematial reasoning		
MAT 204 Calculus II	☐	☐	☐	☑	☐	☑
MAT 205 Calculus III	☑	☐	☐	☑	☐	☑
MAT 206 Differential Equations	☑	☐	☐	☑	☐	☑
MAT 208 Linear Algebra	☑	☐	☐	☑	☐	☑
PHY 203 Principles of Physics I	☑	☑	☐	☑	☑	☑
PHY 204 Principles of Physics II	☑	☑	☐	☑	☑	☑
EGR 203 Mechanics of Materials	☑	☑	☑	☑	☑	☑
EGR 204 Dynamics	☑	☐	☐	☑	☑	☑
EGR 208 Systems and Circuits	☑	☑	☑	☑	☑	☑
EGR 269/270 Engineering Internships	☑	☑	☑	☑	☑	☑
	☐	☐	☐	☐	☐	☐
	☐	☐	☐	☐	☐	☐
	☐	☐	☐	☐	☐	☐