

**Department of Mechanical & Aerospace Engineering  
Prerequisite/Co-requisite Reference Sheet**

<b>Aerospace Engineering (14AE 097)</b>		
<b>Course</b>	<b>Prerequisites</b>	<b>Co-requisites</b>
MAE 206 <sup>1</sup>	2.5 GPA, C- or better in PY 205	MA 242
MAE 208 <sup>2</sup>	2.5 GPA, MA 242, C- or better in MAE 206	
MAE 261	2.5 GPA, CSC 112 <sup>4</sup> , C- or better in MA 241 and PY 205	
MAE 301	MA 242, PY 208 or PY 202	
MAE 314 <sup>3</sup>	MA 242, C- or better in MAE 206, Matriculation into COE <sup>8</sup>	MSE 200 or 201
MAE 355	MA 341 <sup>5</sup> , MAE 261	
MAE 356	MAE 355, C- or better in MAE 301	
MAE 357	MA 341 <sup>5</sup> , MAE 261	MAE 355
MAE 358	MAE 357	MAE 356
MAE 371	MAE 261, C- or better in MAE 314	
MAE 452	MAE 356	
MAE 453	MA 341 <sup>5</sup> , C- or better in PY 205	
MAE 455	MAE 355	
MAE 456	MAE 356	MAE 455
MAE 461 <sup>6</sup>	MA 341 <sup>5</sup> , C- or better in MAE 208	
MAE 462	MAE 261, MAE 461	
MAE 466	MAE 358	MAE 455 or 475
MAE 469		MAE 461 or 435
MAE 472	MAE 371	
MAE 473	MAE 371	MAE 472
MAE 475 <sup>7</sup>	MAE 356, C- or better in MAE 301	
MAE 476	MAE 356 or MAE 302	
MAE 478	MAE 356, MAE 472, MAE 462	
MAE 479	MAE 478	
MSE 201	C- or better in CH 101	

<b>Mechanical Engineering (14ME 097)</b>		
<b>Course</b>	<b>Prerequisites</b>	<b>Co-requisites</b>
MAE 206 <sup>1</sup>	2.5 GPA, C- or better in PY 205	MA 242
MAE 208 <sup>2</sup>	2.5 GPA, MA 242, C- or better in MAE 206	
MAE 301	MA 242, PY 208 or PY 202	
MAE 302	CSC 112 <sup>4</sup> , C- or better in MAE 301	
MAE 305	Junior in ME	
MAE 306	MAE 305	MAE 310
MAE 308	MA 242, CSC 112 <sup>4</sup> , C- or better in MAE 208	MA 341 <sup>5</sup> , MAE 301
MAE 310	CSC 112 <sup>4</sup> , MA 341 <sup>5</sup> , C- or better in MAE 301	
MAE 314 <sup>3</sup>	MA 242, C- or better in MAE 206, Matriculation into COE <sup>8</sup>	MSE 200 or 201
MAE 315	CSC 112 <sup>4</sup> , MA 341 <sup>5</sup> , C- or better in MAE 208	
MAE 316	CSC 112 <sup>4</sup> , C- or better in MAE 314	
MAE 403	MAE 302, MAE 308, MAE 310	
MAE 406	MAE 302, MAE 310	
MAE 407	MAE 302 and MAE 308 or MAE 355	
MAE 408	MAE 302	
MAE 412	MAE 302, MAE 308, MAE 310	
MAE 415	MAE 302, MAE 308, MAE 315, MAE 316	
MAE 416	MAE 415	
MAE 421	MAE 302, MAE 310	
MAE 435 <sup>6</sup>	MA 341 <sup>5</sup> , MAE 315	
MAE 442	MAE 302, MAE 308, MAE 315, MAE 316	
MAE 469	MAE 305 and MAE 306	MAE 461 or 435
MAE 495	Varies	
MSE 200	C- or better in CH 101	

<sup>1</sup> The following course substitution is allowed: CE 214 for MAE 206

<sup>2</sup> The following course substitution is allowed: CE 215 for MAE 208

<sup>3</sup> The following course substitution is allowed: CE 313 for MAE 314

<sup>4</sup> The following course substitution is allowed: CSC 114 for CSC 112

<sup>5</sup> The following course substitution is allowed: MA 301 or 303 for MA 341

<sup>6</sup> The following course substitution is allowed: MAE 435 for MAE 461

<sup>7</sup> The following course substitution is allowed: MAE 476 for MAE 475

<sup>8</sup> COE matriculation requirements are: C- or better in CH 101, 102, E 101, ENG 101, MA 141, MA 241, and PY 205, and E115 with a satisfactory (S). Additionally, MAE requires a minimum 2.9 overall GPA.