# EASA MATRIX – 2012

| Class of 2012 – Aerospace Engineering (Astronautics) Major - EASA | | | | | |
|---|---|---|---|---|---|
| **3/c Fall** | **3/c Spring** | **2/c Fall** | **2/c Spring** | **1/c Fall** | **1/c Spring** |
| NN200 1-2-2<br>Navigation and Piloting | | NS319 3-0-3<br>Leadership: Theory and Application | NS300 0-2-1<br>Naval Warfare | | NS4X 0-2-1<br>Junior Officer Practicum |
| SP211 3-2-4<br>Physics I | SP212 3-2-4<br>Physics II | | ES410 3-2-4<br>Control Systems | ES300 3-0-3<br>Naval Weapons System | NL400 2-0-2<br>Law for the Junior Officer |
| SM221 4-0-4<br>Calculus III with Vector Fields | SM212 4-0-4<br>Differential Equations | EE331 3-2-4<br>Electrical Engineering I | EE334 3-2-4<br>Electrical Engineering II | | |
| NE203 3-0-3<br>Ethics and Moral Reasoning | HH205 3-0-3<br>Western Civilization I | HH206 3-0-3<br>Western Civilization II | | 3-0-3<br>HUM/SS1 Elective | 3-0-3<br>HUM/SS2 Elective |
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| EM 211 3-0-3<br>Statics | EM232 3-0-3<br>Dynamics | EM321 3-2-4<br>Aerospace Materials and Mechanics | EA322 3-2-4<br>Aerospace Structures I | EA461 3-0-3<br>Space Environment | 3-0-3<br>Major Elective |
| | EA308 1-2-2<br>Engineering Analysis | EM319 3-0-3<br>Thermodynamics | EA365 2-2-3<br>Rocket Propulsion | EA465 3-0-3<br>Spacecraft Power and Communications | 3-0-3<br>Major Elective |
| EA203 2-2-3<br>Principles of Aerospace Engineering I | EA204 2-2-3<br>Principles of Aerospace Engineering II | EA305 2-2-3<br>Fluid/Gas Dynamics | EA362 3-0-3<br>Astrodynamics I | EA364 3-0-3<br>Attitude Dynamics and Control | EA470 1-4-3<br>Spacecraft Vehicle Design |
| | | | | EA467 0-4-2<br>Spacecraft Systems Laboratory | |
| **19** | **19** | **20** | **19** | **17** | **15** |