Provide me a simple introduction: Hello. I enjoyed taking your course last semester. I received my BS in Aerospace Engineering in 2018 from the University of Alabama. Before that I co-oped with Airbus Helicopters. I currently work for Boeing as a Software Engineer on the P-8 Poseidon program within BGS although I’m in the process of switching jobs (non-software) within Boeing right now, I will still be in the St. Louis area. I’m working towards a MS in Systems Engineering and I’m aiming to earn a certificate in computational intelligence as part of that. I enjoy learning about Systems Engineering because I like the creative approach taken to understanding and improving extremely complex systems.

Name/preferred form of address: Ryan

Preferred email, especially if not the mst address: [rtpwx3@umsystem.edu](mailto:rtpwx3@umsystem.edu), [ryan.patton@boeing.com](mailto:ryan.patton@boeing.com)

Profession: Software Engineer for P-8A Poseidon with Boeing

Professional Goals: I’d like to graduate with a MS in Systems Engineering at the end of fall 2020 with a certificate in Computational Intelligence. I’ve recently interviewed for level-2 engineering jobs within Boeing and I’m close to accepting a position I think I would enjoy. I started off in Software but I’m not set on that type of engineering, I’m just trying to find a type of engineering path I think I’d enjoy. I’d like to work towards a management or sales role one day and so I’d like to earn a MBA in a couple years.

Goals for this Class: From this course, I think I could use more of an overview on the Systems Engineering community and what would compliment a MS in Systems Engineering such as certain certifications. I’m unsure exactly what the Capstone course implies will take place but I’v read the materials for the course and I look forward to making more progress towards a MS.

Please list the semester (e.g., Fall 2017, Spring 2018, etc.) that you completed each desired (recently changed from necessary) prerequisite for this course (or the course equivalent for which you were granted credit). If currently enrolled, state “currently enrolled”. If neither completed nor enrolled, state “not completed nor enrolled”.

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| **Course** | **Completion Semester or Status** |
| SysEng 5101 (SysEng368) System Engineering and Analysis | Fall 2019 |
| SysEng 6102 (SysEng468) Information Based Design | Fall 2019 |
| SysEng 6104 (SysEng469) Systems Architecting | Fall 2019 |
| SysEng 6105 (SysEng412) Complex Engineering Systems Project Management (or SysEng 6542 Model Based System Engineering after Summer 2018) | Currently enrolled |
| SysEng 6103 (SysEng413) Systems Life Cycle Costing | Not completed nor enrolled (plan on taking summer 2020, hope this isn’t an issue) |