

Honors Healthcare –

Beginning in the Spring 2019, Madonna would determine which students are interested in taking the Honors Healthcare course for the Fall 2019/Spring 2020 semesters.

Healthcare courses Madonna already offers are Chemistry, Biology, Anatomy and Physiology.

- The class would be offered as an elective
- Madonna would utilize university MOOCs to develop an honors course
 - Career 911: Your Future in Medicine and Healthcare (Northwestern) - \$49 for certificate
 - Introduction to Psychology (Yale) - \$49 for certificate
 - Public Health in Humanitarian Crisis (Johns Hopkins University) - \$49 for certificate
 - Introduction to Food & Health (Stanford University) - \$49 for certificate
 - Weight Management: Beyond Balancing Calories (Emory University) - \$49 for certificate
- We still have not identified instructor for class.
- All MOOCs also have an open forum to discuss the current topic.

Honors Engineering –

Beginning in the Spring 2019, Madonna would determine which students are interested in taking the Honors Engineering course for the Fall 2019/Spring 2020 semesters.

- The class would be offered as an elective
- Madonna would utilize university MOOCs to develop an honors course
 - Introduction to Engineering Mechanics (Georgia Tech) - \$49 for certificate
 - Application in Engineering Mechanics (Georgia Tech) - \$49 for certificate
 - Engineering Systems in Motion: Dynamics of Particles and Bodies in 2D Motion (Georgia Tech) - \$49 for certificate
 - Introduction to Systems Engineering (The University of New South Wales) - \$49 for certificate
 - Begin Robotics (University of Reading) - \$79 for certificate
 - ❖ Partner with CREATE Labs to build robot
- The Honors Engineering class would make Madonna eligible for Project Lead the Way
- Project Based Learning can integrate with Blue Stream Farms
- We still have no identified instructor for class but we are trying to contact Dr. Derek Doroski from Franciscan University of Steubenville. If he is unavailable, we will leverage retired engineers in the parish to guide the class.
- All MOOCs have an open forum to discuss the current topic.

Technology –

Beginning in the Spring 2019, Madonna would determine which students are interested in taking technology courses for the Fall 2019/Spring 2020 semesters.

- The 2 classes would be offered as an elective
- Florida Virtual Class – Students have an opportunity to take the one introductory class and then vote on 1 of 3 available honors classes based on collective interest
 - Digital Information Technology
 - Foundations of Programming (Honors)
 - Foundations of Web Design (Honors)
 - User Interface Design (Honors)
- Students register at public school and then are eligible to take 2 classes per year free. This will also set the path forward for future classes such as Aquaponic Science and leverage Madonna's 1:1 technology.
- Students would take the class during the scheduled time. Instructor would prepare PACE chart for students and administer tests. The teacher would also be there during class to monitor progress and help with any questions the students would have.
- Students can schedule a help session with the FLVS program director for additional support