

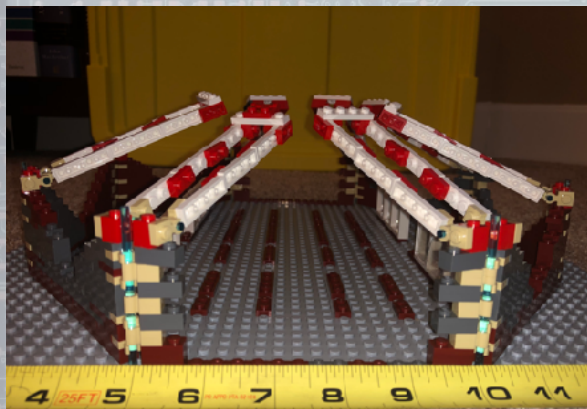
JIT FACTS

Did You Know ...

1. JIT will be co-located with the JEM Center, the Jefferson Electronic Manufacturing Center: a contract manufacturing (EMS) business.
2. The JEM Center will provide the student with a real-world classroom to supplement the traditional undergraduate engineering education.
3. Over 4 years, JIT students will participate in every aspect of the JEM Center operation - AND, be paid for their contributions.
4. Successful completion of the 4-year JIT program will result in a B.S. in Applied Product Design and Production Sciences.
5. Each product assembly process step continues to be scrutinized & assigned to a traditional applicable engineering class, e.g., printing solder paste to chemistry, fluid dynamics, etc. The JIT class is then supplemented with process-related content.
6. The JIT academic year will consist of three, 16-week trimesters.
7. Students will graduate with APICS (Material & Supply Chain Management) and ASQ (Including 6-Sigma Black Belt) certifications. They also will have taken the Fundamentals in Engineering (FE) Exam that can lead to a P.E license.



2019, Q4 Accomplishments and 2020, Q1 Objectives



1. (Photo above) An early representation of JEM with 4 independent, flexible product assembly lines. Ceiling is hung (like Madison Square Garden In NYC). This provides structural integrity while maximizing operational floor space. JIT classrooms / labs / residence apartments for students and faculty are in the process of being added to model.
2. A significant change to the structure of the school has been made. Instead of the school (JIT) being "not-for-profit" & the associated, real world business classroom (JEM) being "for-profit," both will be "not-for-profit."
3. Capital formation underway (\$30-\$40 M). Seeking "Angels!"
4. Paper on the state of high tech education was presented for ASEE conference (American Society of Engineering Educators) at Cooper Union in NYC. Paper is on website. Abstract for follow-up for paper, specifically on JIT/JEM, at Montreal conference in June was accepted.
5. We were invited to do a webinar by SME. Thanks to James Moore of Cardio Command for facilitating. You can view it from our website.

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Did You Know ...

8. Real world Issues encountered by the student in the JEM Center operation will be addressed in real time. These issues, many without closed-form solutions, will permit the student to develop a crucial skill: good judgment - invaluable to their future employers.
9. Corporate sponsors will provide leading edge automation equipment and supplies. Students will always be learning in a state-of-the-art environment.
10. Basic student tuition is \$5k/ trimester. Corporate student sponsorships, scholarships & the paid work in the JEM Center can reduce this cost.
11. Curriculum development is partially based on Mortimer Adler's *Paideia Proposal* and *The Great Books*, but with a blending of *Learning for Learning*, AND *Learning for Earning*.
12. The School's development borrows from the Jeffersonian strategy he used for The University of Virginia.
13. Formal contracts between students and JEM's clients will guarantee students a job upon graduation, and guarantee the client companies employees with a world class education - those educated by building the company's products.

Detailed project information can be found on our website: <http://thejeffersonproject.org>
If you are interested in participating, there are many opportunities, e.g., faculty positions, corporate sponsorships, textbook development and review, and more.
Contact Tom Borkes at jeffer2@earthlink.net or (407) 342-3228 for more information.

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