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CONTACT: Becky Young
Communications and Marketing Specialist
Calvary Christian School
beckyyoung@calvaryknights.com
706.323.0467, ext. 238
www.CalvaryKnights.com

Jim Koan, Headmaster

**CALVARY CHRISTIAN SCHOOL PARTNERS WITH
NASA AND QUEST FOR SPACE INSTITUTE TO LAUNCH EXPERIMENT INTO ORBIT!**

COLUMBUS, GEORGIA, AUGUST 31, 2017—Calvary Christian School (CCS) is pleased to announce at the start of this current school year a pre-engineering and space science class (PESS). This class is uniquely designed with the incorporation of pre-engineering studies and the partnership with CCS, NASA, and the Quest Institute of Valley Christian School in San Jose, California. This partnership will ultimately give CCS students the opportunity to create and send into orbit on the International Space Station an experiment they have created in the classroom at CCS. Calvary Christian School is the only school in the Southeast partnering with Quest for Space Institute.

Photo: (right) Edward Tymes, Ed.S (Seimens Master Teacher-Science), CCS Pre-engineering and Space Science Teacher with (left) Dr. Yvonne Cagle, M.D. (Colonel, U.S. Air Force, Ret.) Space and Life Science Directorate, Johnson Space Center at the Quest Institute.



"I am very excited about the opportunity that CCS students will have through our affiliation with the Quest for Space Program. The application of mathematics and science principles in student designed experiments that will prepare students for university level STEM courses and toward careers in engineering and technology. Students will also study pre-engineering concepts using proven laboratory based modules involving civil, chemical, electrical and mechanical engineering. Our PESS course motto is "The sky is not the limit."

"Go Knights!" - Edward Tymes, Ed.S (Siemens Master Teacher-Science), CCS Pre-engineering and Space Science Teacher

"Calvary Christian is constantly looking to offer learning opportunities found nowhere else in the Chattahoochee Valley. The PESS class is just one example of "Oh, you want that for your child? You need to go to Calvary Christian to get it." I am delighted that with our kids, not even 'the sky is the limit'; these kids are putting their ideas into orbit." –Jim Koan, CCS Headmaster

Pre-Engineering and Space Science (PESS) Course Description:

Calvary's pre-engineering and space science class is a rigorous college preparatory course that actively engages students in laboratory based experiments and student led research. This course is sanctioned by the Quest for Space Institute in San Jose, California. Students will study heat transfer systems and the fundamental physics of space exploration (astronomy).

The creation of a pre-engineering and space science class is the first step in a partnership, which includes CCS, NASA and the Quest Institute of Valley Christian School. Mr. Ed Tymes, Head of CCS Science Department, attended a 3-day hands-on workshop at Valley Christian School in San Jose, California, in preparation for this partnership and to introduce this exciting science class to CCS students. PESS is unique to Calvary; no other school in our community offers this cutting-edge, hands-on connection with the International Space Station.

Calvary Christian School is a K3-12th grade school and offers the following: biblical instruction; challenging, non-common core academics; AP and Honor classes; dual enrollment; fine arts; a full athletic program; extra-curricular activities; weekly chapel; and before and after school care. CCS has a full-time onsite school nurse. Our family environment includes faculty with a love for Christ and teaching. All teachers hold degrees and are certified with many having master's degrees or higher.

Since 1975, Calvary Christian School has been *Teaching the Whole Child the Whole Truth*. An ACSI and SACS accredited K3-12th grade school, CCS's faculty and staff are dedicated to providing real resources for spiritual, academic, social and physical growth for our students in a nurturing and supportive environment. As our school facilities grow, we continue to offer unparalleled opportunities. For more information about Calvary Christian School, visit CalvaryKnights.com, call 706.323.0467 or visit during Open House held each Thursday from 9:00 a.m. to 1:00 p.m.

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