

## ODU BLAST 2021 STUDENT SCHEDULE - Session July 18-21, 2021

<b>DAY 1 – Sunday Evening, July 18, 2021</b>	
5:00 - 5:15	<b>Welcome &amp; Orientation</b>
5:15 - 5:50	<ul style="list-style-type: none"> <li>● <b>Welcome</b>, Mrs. Mary Sandy, Director at Virginia Space Grant Consortium, Dr. Vukica Jovanović, Dr. Julie Back (VSGC), ODU BLAST Youth Program Directors</li> <li>● <b>Introduction of Workshop Faculty</b> <ul style="list-style-type: none"> <li>● Batten College of Engineering and Technology                             <ul style="list-style-type: none"> <li>○ Dr. Mujde Erten-Unal, Civil and Environmental Engineering</li> <li>○ Dr. Thomas Alberts, Mechanical and Aerospace Engineering</li> <li>○ Dr. Otilia Popescu, Electrical Engineering Technology</li> <li>○ Dr. Murat Kuzlu, Computer Engineering Technology</li> </ul> </li> <li>● College of Sciences                             <ul style="list-style-type: none"> <li>○ Dr. Balša Terzić, Physics</li> <li>○ Mr. George McLeod, M.S., Geospatial &amp; Visual Systems, Ocean, Earth, and Atmospheric Sciences</li> <li>○ Mr. Justin Mason, M.S., Director, Planetarium</li> <li>○ Dr. Denise Tombolato-Terzic, Biology</li> </ul> </li> </ul> </li> </ul>
5:50-6:00	<b>Survey - Pre-Survey about their STEM interests &amp; ask about preferred sessions for the virtual open house</b>
6:00 - 6:30	<b>Arctic Adventures &amp; Internet of Things with Buoys</b> - Dr. Petros Katsioloudis, Industrial Technology, Chair of Department of STEM and Professional Studies
6:30 - 7:00	<b>Virtual Open House</b> - Different Breakout Rooms - 1) Physics, 2) Oceanography, 3) Biology, 4) Computer Science, 5) Geography, 6) Civil and Environmental Engineering, 7) Electrical and Computer Engineering Technology, 8) Mechanical Engineering Technology, 9) Mechanical and Aerospace Engineering, 10) Industrial Technology
Room 1	
Room 2	
Room 3	
....	- Icebreaker activity (Kahoot)
Room 10	- Short overview of a major
	- Q&A

### Breakout Rooms

1. Breakout Room - Physics
2. Breakout Room - Oceanography
3. Breakout Room - Biology
4. Breakout Room - CS (Computer Science)
5. Breakout Room - Geography
6. Breakout Room - CEE (Civil and Environmental Engineering)
7. Breakout Room - EET (Electrical Engineering Technology; Computer Engineering Technology)
8. Breakout Room - MET (Mechanical Engineering Technology)
9. Breakout Room - MAE (Mechanical Engineering, Aerospace Engineering)
10. Breakout Room - Ind Tech (Industrial Technology)

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<b>DAY 2 – Monday, July 19, 2021</b>	
9:00 - 11:00	<b>STEM Concurrent Workshops</b>
Group G1 Physics	<ul style="list-style-type: none"> <li>● <b><i>Our Home Planet and Its Place in the Cosmos</i></b>, Dr. Balša Terzić, Justin Mason, Physics, College of Sciences - ODU Physics</li> </ul>
Group G2 GIS	<ul style="list-style-type: none"> <li>● <b><i>Satellites, Lasers, and Drones: From Sci-Fi to Studying the Impacts of Climate Change and Sea Level Rise</i></b>, Mr. George McLeod, Information Technology Services &amp; College of Sciences</li> </ul>
Group B1 Civil Eng	<ul style="list-style-type: none"> <li>● <b><i>Water Water Everywhere and No Place to Go</i></b>, Dr. Mujde Erten-Unal, Civil and Environmental Engineering, College of Engineering and Technology</li> </ul>
Group B2 Eng Tech	<ul style="list-style-type: none"> <li>● <b><i>Mechatronics Makers Workshop</i></b>, Dr. Vukica Jovanovic, Mechanical Engineering Technology, College of Engineering and Technology</li> </ul>
11:00 - 1:00	Lunch - Free time
1:00 - 3:00	<b>STEM Concurrent Workshops</b>
Group B1 Physics	<ul style="list-style-type: none"> <li>● <b><i>Our Home Planet and Its Place in the Cosmos</i></b>, Dr. Balša Terzić, Justin Mason, Physics, College of Sciences</li> </ul>
Group B2 GIS	<ul style="list-style-type: none"> <li>● <b><i>Satellites, Lasers, and Drones: From Sci-Fi to Studying the Impacts of Climate Change and Sea Level Rise</i></b>, Mr. George McLeod, Information Technology Services &amp; College of Sciences</li> </ul>
Group G1 Civil Eng	<ul style="list-style-type: none"> <li>● <b><i>Water Water Everywhere and No Place to Go</i></b>, Dr. Mujde Erten-Unal, Civil and Environmental Engineering, College of Engineering and Technology</li> </ul>
Group G2 Eng Tech	<ul style="list-style-type: none"> <li>● <b><i>Mechatronics Makers Workshop</i></b>, Dr. Vukica Jovanovic, Mechanical Engineering Technology, College of Engineering and Technology</li> </ul>
3:00 - 3:30	<b>ODU REYES Information</b> - Dr. Raul Briceno (everyone)
3:30 - 4:00	Break
Sciences 4:00 - 4:15 4:15 - 5:15 5:15 - 6:00	<b>Science Night</b> (everyone) <ul style="list-style-type: none"> <li>● Welcome - Dr. Gail Dodge, Dean, College of Sciences</li> <li>● Science Student Panel, Zoom Science - ODU BLAST Science Team</li> <li>● Science Show - Mr. Justin Mason, M.S., Physics, Planetarium Director, College of Sciences</li> </ul>

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<b>DAY 3 – Tuesday, July 20, 2021</b>	
9:00 - 11:00	<b>STEM Concurrent Workshops</b>
Group G2	<ul style="list-style-type: none"> <li>● <b><i>Our Home Planet and Its Place in the Cosmos</i></b>, Dr. Balša Terzić, Justin Mason, Physics, College of Sciences</li> </ul>
Group G1	<ul style="list-style-type: none"> <li>● <b><i>Satellites, Lasers, and Drones: From Sci-Fi to Studying the Impacts of Climate Change and Sea Level Rise</i></b>, Mr. George McLeod, Information Technology Services &amp; College of Sciences</li> </ul>
Group B2	<ul style="list-style-type: none"> <li>● <b><i>Water Water Everywhere and No Place to Go</i></b>, Dr. Mujde Erten-Unal, Civil and Environmental Engineering, College of Engineering and Technology</li> </ul>
Group B1	<ul style="list-style-type: none"> <li>● <b><i>Mechatronics Makers Workshop</i></b>, Dr. Vukica Jovanovic, Mechanical Engineering Technology, College of Engineering and Technology</li> </ul>
11:00 - 1:00	Lunch - Free time
1:00 - 3:00	<b>STEM Concurrent Workshops</b>
Group B2	<ul style="list-style-type: none"> <li>● <b><i>Our Home Planet and Its Place in the Cosmos</i></b>, Dr. Balša Terzić, Justin Mason, Physics, College of Sciences</li> </ul>
Group B1	<ul style="list-style-type: none"> <li>● <b><i>Satellites, Lasers, and Drones: From Sci-Fi to Studying the Impacts of Climate Change and Sea Level Rise</i></b>, Mr. George McLeod, Information Technology Services &amp; College of Sciences</li> </ul>
Group G2	<ul style="list-style-type: none"> <li>● <b><i>Water Water Everywhere and No Place to Go</i></b>, Dr. Mujde Erten-Unal, Civil and Environmental Engineering, College of Engineering and Technology</li> </ul>
Group G1	<ul style="list-style-type: none"> <li>● <b><i>Mechatronics Makers Workshop</i></b>, Dr. Vukica Jovanovic, Mechanical Engineering Technology, College of Engineering and Technology</li> </ul>
3:00 - 3:30	<b>ODU Cybersecurity</b> - Dr. Michael Wu
3:30 - 4:00	Break - Free time
4:00 - 4:15 4:15 - 5:15 5:15 - 6:00	<b>Engineering Night</b> (everyone) <ul style="list-style-type: none"> <li>● Welcome - Dr. Ben Stuart, Dean, College of Engineering and Technology</li> <li>● Engineering Student Panel, ODU BLAST Engineering Team</li> <li>● Going Green to Reduce Flooding and Build Climate Resilience, Assistant Dean Ms. Carol Considine, M.S. , Civil Engineering Technology</li> </ul>

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<b>DAY 4 – Wednesday, July 21, 2021</b>	
9:00 - 10:00	<b>STEM Concurrent Workshops</b>
Group G1, Biology	<ul style="list-style-type: none"> <li>● <b><i>Impact of Climate Change on the Living World</i></b>, Dr. Denise Tombolato-Terzic, Biology</li> </ul>
Group G2, Mech Eng	<ul style="list-style-type: none"> <li>● <b><i>Controls for Robotics</i></b>, Dr. Thomas Alberts, Aerospace Engineering</li> </ul>
Group B1, Comp ET	<ul style="list-style-type: none"> <li>● <b><i>Internet of Things</i></b>, Dr. Murat Kuzlu, Computer Engineering Technology</li> </ul>
Group B2, Electrical ET	<ul style="list-style-type: none"> <li>● <b><i>Cryptography, the Secret behind Cybersecurity</i></b>, Dr. Otilia Popescu, Electrical Engineering Technology</li> </ul>
10:00 - 11:00	<b>STEM Concurrent Workshops</b>
Group G2, Biology	<ul style="list-style-type: none"> <li>● <b><i>Impact of Climate Change on the Living World</i></b>, Dr. Denise Tombolato-Terzic, Biology</li> </ul>
Group G1, Mech Eng	<ul style="list-style-type: none"> <li>● <b><i>Controls for Robotics</i></b>, Dr. Thomas Alberts, Aerospace Engineering</li> </ul>
Group B2, Comp ET	<ul style="list-style-type: none"> <li>● <b><i>Internet of Things</i></b>, Dr. Murat Kuzlu, Computer Engineering Technology</li> </ul>
Group B1, Electrical ET	<ul style="list-style-type: none"> <li>● <b><i>Cryptography, the Secret behind Cybersecurity</i></b>, Dr. Otilia Popescu, Electrical Engineering Technology</li> </ul>
11:00 - 1:00	Lunch - Free time
1:00 - 2:00	<b>STEM Concurrent Workshops</b>
Group B1, Biology	<ul style="list-style-type: none"> <li>● <b><i>Biology</i></b>, Dr. Denise Tombolato-Terzic, Biology</li> </ul>
Group B2, Mech Eng	<ul style="list-style-type: none"> <li>● <b><i>Controls for Robotics</i></b>, Dr. Thomas Alberts, Aerospace Engineering</li> </ul>
Group G1, Comp ET	<ul style="list-style-type: none"> <li>● <b><i>Internet of Things</i></b>, Dr. Murat Kuzlu, Computer Engineering Technology</li> </ul>
Group G2, Electrical ET	<ul style="list-style-type: none"> <li>● <b><i>Cryptography, the Secret behind Cybersecurity</i></b>, Dr. Otilia Popescu, Electrical Engineering Technology</li> </ul>
2:00 - 3:00	<b>STEM Concurrent Workshops</b>
Group B2, Biology	<ul style="list-style-type: none"> <li>● <b><i>Biology</i></b>, Dr. Denise Tombolato-Terzic, Biology</li> </ul>
Group B1, Mech Eng	<ul style="list-style-type: none"> <li>● <b><i>Controls for Robotics</i></b>, Dr. Thomas Alberts, Aerospace Engineering</li> </ul>
Group G2, Comp ET	<ul style="list-style-type: none"> <li>● <b><i>Internet of Things</i></b>, Dr. Murat Kuzlu, Computer Engineering Technology</li> </ul>
Group G1, Electrical E	<ul style="list-style-type: none"> <li>● <b><i>Cryptography, the Secret behind Cybersecurity</i></b>, Dr. Otilia Popescu, Electrical Engineering Technology</li> </ul>
3:00 - 3:30	<b>Future Monarch Virtual Tour</b> - Admissions Counselors (virtual)
4:00 - 4:30	<b>Closing Night</b> - ODU BLAST Students Facilitating Closing Night
4:30 - 5:00	<ul style="list-style-type: none"> <li>● <b>Trivia Night</b> - Kahoot Social Interactive Activity</li> </ul>
5:00 - 5:30	<ul style="list-style-type: none"> <li>● <b>TikTok</b></li> </ul>
5:30 - 6:00	<ul style="list-style-type: none"> <li>● <b>Reflection about ODU BLAST Post Survey</b></li> </ul>