

## UPWARDS Summer Intensive Program 2026– Information Sheet

Host University	Virginia Tech
Program Title	Virginia Tech Summer Semiconductor Program (VTSSP)
Program Period (Dates)	July 29-August 7, 2026
Location & Venue	Blacksburg, Virginia and Alexandria, Virginia USA
Maximum Enrollment from Partner Universities	25
Program Fee	\$3,500
Requirements	Students from UPWARDS network universities with English proficiency and GPA higher than 3.0
Application Method & Deadline	Apply through UPWARDS Japanese University administration. Deadline is 1-Apr-25
Curriculum Overview	<p>Wednesday, July 29: Arrival Day in Blacksburg, Virginia and Hotel Check-in. Opening Ceremony.</p> <p>Thursday-Sunday, July 30-August 2: VT Main Campus Tour. Technical Program on IC Testing, Memory Design and Cleanroom Experience. Hike in Blue Ridge Mountains.</p> <p>Monday, August 3: Bus to Northern Virginia. Tour of Micron Technology in Manassas, Virginia. Check in to Alexandria hotel.</p> <p>Tuesday, Aug 4: Technical program on AI Chip and Digital System Design, Virginia Tech, Alexandria, VA.</p> <p>Wednesday, Aug 5: Tour of Washington, DC. Free time.</p> <p>Thursday, Aug 6: Technical program on Electronic Circuit and Packaging. Dinner and Closing Ceremony, Virginia Tech, Alexandria, VA.</p> <p>Tuesday, Aug 7: Breakfast and then depart for Dulles Airport (IAD) before 9:30 AM</p>
Acquirable Competencies (Multiple selections allowed)	<input checked="" type="checkbox"/> Competency 1 - Foundational Knowledge in Semiconductor Engineering <input checked="" type="checkbox"/> Competency 2 - Foundational Knowledge in Semiconductor Industry and Business <input type="checkbox"/> Competency 3 - Ability to Manage/Understand Diversity, Equity and Inclusion <input checked="" type="checkbox"/> Competency 4 - Gain Global/Inter-Cultural Competencies including International Mindset, Inter- Cultural Competence, Collaboration and Teamwork, Communication Skills, and Leadership <input checked="" type="checkbox"/> Competency 5 - Hands-on Experiences of Semiconductor Industry Operations <input type="checkbox"/> Competency 6 - Research Application Skills
Study Hours	1 hour/day
Information about Accommodation	Hotel Accommodations in Blacksburg, Virginia and Alexandria, Virginia are included in the Program Fee. All meals are included except on August 5 <sup>th</sup> .
Program Coordinator	Prof. Jeffrey Walling, Director Prof. Luke Lester, Co-Director Prof. Yang “Cindy” Yi, Co-Director

Contact Information	<a href="mailto:jswalling@vt.edu">jswalling@vt.edu</a> <a href="mailto:iflester@vt.edu">iflester@vt.edu</a> <a href="mailto:yangyi8@vt.edu">yangyi8@vt.edu</a>
Program Website & Other Information	<a href="https://news.vt.edu/articles/2025/08/2025-upwards-summer-camp.html">https://news.vt.edu/articles/2025/08/2025-upwards-summer-camp.html</a> <a href="https://www.youtube.com/watch?v=pp57LhfmbHE">https://www.youtube.com/watch?v=pp57LhfmbHE</a>