



The Juniper Networks® Academic Alliance program (JNAA) is our exciting, multi-tiered approach to bringing Juniper technology to the classroom. Specifically designed for colleges and universities, the program is comprised of two tiers. Technical Training Institutes (TTIs) focus on administration, operation, and support skills transfer for Juniper products while Research and Application Development (RAD) program is made up of university undergraduate and graduate level studies that combine the creativity of a programmer using our SDK kits, with opportunities to conceptualize, and be rewarded for creating new and innovative applications within the powerful Junos® infrastructure.



EDUCATION SERVICES  
ACADEMIC ALLIANCE

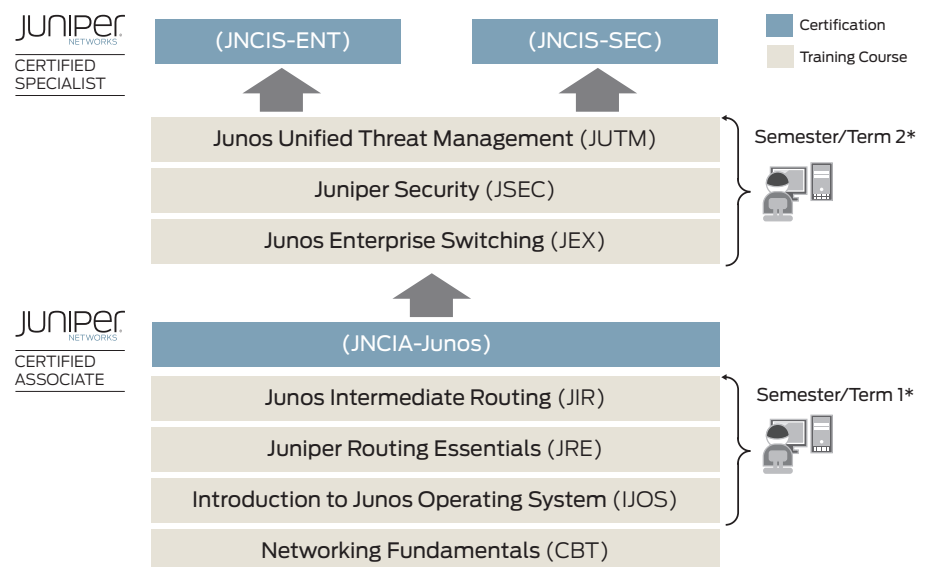
# JUNIPER NETWORKS ACADEMIC ALLIANCE

## Technical Training Institutes

Academic Alliance Technical Training Institutes (TTIs) are accredited colleges, vocational, and undergraduate learning institutions committed to teaching Juniper Networks enterprise networking technical skills. This program boasts great flexibility, allowing JNAA partners to augment their own networking curriculum by incorporating portions of our technical training courses, use our lab topologies to demonstrate theory, as well as offer standalone technical courses leading to our industry recognized Juniper certification. As Juniper Networks emerges as a market leader in critical networking areas, demand for Juniper Networks skilled and certified professionals will continue to grow, commanding respect, and salaries. Through this partnership your accredited institution can be instrumental in educating the technical minds and provide significant value to high-end enterprises of today and tomorrow.

The curriculum offered through the TTI community has as a focus two key areas of Juniper's technology leadership: Enterprise Routing and Switching, and Juniper Security. The curriculum leads students to three credentials of the globally recognized Juniper Networks Certification Program: Juniper Networks Certified Internet Associate-Junos (JNCIA-Junos), Juniper Networks Certified Internet Specialist-Enterprise Routing and Switching (JNCIS-ENT), and Juniper Networks Certified Internet Specialist-Security (JNCIS-SEC). This exciting roadmap provides an excellent toolbox of knowledge that is relevant to today's networking job market and is a solid foundation for advanced Juniper training and certification in Service Provider, Enterprise, and Security markets.

## Academic Alliance Course Curriculum



\*JNAA curriculum may also be delivered in a trimester format

## JNAA (TTI) Benefits

Juniper Networks provides its Academic Alliance Technical Training Institute partners a number of important benefits including:

- Juniper Networks Education Services courseware, lab guides and diagrams, and technical manuals
- Academic Alliance discounts on hardware and technical support
- Specially branded Academic Alliance courseware with special Academic Alliance pricing
- Flexibility: portions of course content, lab topologies, and exercises can be incorporated into your curriculum
- Course design templates provide guidelines for semester-based curriculum
- Tips and feedback from our education services professional course developers teams
- Guidance from our certified instructors who are industry recognized IP and security networking experts
- Access to a growing community of member institutions, with a goal of sharing best practices and knowledge
- Full access to our Juniper Networks Technical Assistance Center (JTAC) for any hardware or software issues

## Research and Application Development

Through our JNAA Research and Application Development (RAD) tier, Juniper has a unique proposition to universities with students that choose to accept the challenge to "Create the New Network." Through this program, qualified universities can offer their students a unique and challenging opportunity. At both undergraduate and graduate levels, students are challenged with projects and

research ideas using as a framework our Junos® operating system. This program has as its foundation creativity and as building blocks the winning combination of a creative programmer, our software development kit (SDK- Junos® and Space®, and Pulse®), and a unique access to our operating system's application layer interface at the router and network management layer. Participating students will have the chance to engage in internships, scholarships, and competitions and garner recognition for showcasing the power and flexibility of our Junos® infrastructure.

## JNAA (RAD) Benefits

Our JNAA Research and Application Development partners have a special relationship with Juniper. To that end we offer a number of benefits in support of our partnership including:

- A strategic relationship with Juniper Networks including access to Juniper senior leadership
- Special interlocks and relationships with the appropriate engineering teams
- Students are considered for fellowships, internships, and will be positioned well for employment opportunities
- Foundational SDK training and guidance resources to help with initial setup
- Enhanced reputation as an academic leader in networking, and as an Academic Alliance and recognized research partner through joint marketing and other activities

## Join our growing Academic Alliance

Expand your offerings as a Juniper Networks recognized institution, and through our flexible approach, open the door to increased opportunities for your students as a Juniper Academic Alliance partner. For more information, we invite you to visit our website at [www.juniper.net/academicalliance](http://www.juniper.net/academicalliance), by email at [academicalliance@juniper.net](mailto:academicalliance@juniper.net), or phone +1 408 933-6226.

### Research and Application Development (RAD)



Allows intelligence and functionality to be loaded directly onto a Juniper box on the Control Plane/Routing and Services Cards



Allows network applications to be written directly for the Junos Space platform, taking advantage of both the platform intelligence and the other Apps



Identity and location aware software client (SDK Availability TBA)

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