The Juniper Networks® Academic Alliance (JNAA) program is our innovative, flexible approach to bringing Juniper technology to the academic community. The purpose of the JNAA program is to establish an ongoing relationship between Juniper Networks and leading universities, colleges, and other academic institutes that specialize in studies of engineering, software development, microelectronics, and telecommunications.

The JNAA program is unique in the industry in its ability to accommodate your institute’s needs and provide your students with unparalleled opportunities by giving them access to industry-leading technologies and resources to support them in technical training, certification, advanced degrees, and research and development using the Juniper Networks Software Development Kits (SDKs).

Academic Alliance’s Five Modules: The Best Fit for Your Institute

The JNAA Program’s modular manner allows institutes to build an engagement model unique to their needs.

Include: Expose students to Juniper technology by including course modules in current curriculum

The Include module provides a method through which Juniper Networks technology, products and teaching material can be incorporated into existing courses/modules running within your institute. Members have access to Juniper-authored training materials that can be used as a resource to augment the institute’s current courses and curriculum, along with discounts on Juniper Networks products (for use as lab equipment) including our innovative virtual lab infrastructure, Juniper Networks Junosphere™ Classroom.
Certify: Delivering Juniper certification classes as part of institute curricula

The Certify module provides for the delivery of formal Juniper Networks education courses in a fixed format, leading to Juniper Networks certification opportunities in the Enterprise Routing and Switching and Junos Security tracks of the Juniper Networks Certification Program. Additional value is offered through educational discounts on special vouchers that can be used towards Juniper Networks certification exams.

Advanced: Add Juniper technology to your unique MS Degree

The Advanced module allows you to work closely with Juniper Networks to develop a unique technology curriculum MS Degree, leveraging Juniper technology to maximize the learning and research opportunities while gaining a valuable industry-relevant degree in the networking discipline. Chosen universities will have an opportunity to develop a special, deeper academic partnership with Juniper Networks.

Research: Create opportunities for post-graduate and PhD research using Juniper technologies such as the Junos SDK and Junos Space SDK

Participants in the Research module utilize Juniper Networks technologies including programmatic interfaces, which provide the potential for innovative research and development projects through the use of Software Development Kits (SDKs). These SDKs are in use within the industry today and offer opportunities for exploration in areas such as programmable network devices, network management and orchestration, and mobile and tablet client operation and security. The Junosphere virtual network platform enables large-scale network research, often outside the capabilities of traditional physical lab environments. An introduction to Juniper Networks Junos® SDK development elements can be found on our Juniper Developer Network site, www.juniper.net/developer.

Explore: Collaborate with Juniper Networks in research efforts taking place in your institute in areas of common interest

In the Explore module, Juniper Networks is looking for collaborative research opportunities with academic and research institutes and organizations on leading-edge technologies. Research areas are not limited to those specifically involving Juniper Networks’ products, rather the wider technologies and work relating to the ongoing development of communication networks, networking equipment, microelectronics, and so forth. Qualifying projects and engagements will receive direct engagement from Juniper Networks’ development and research organizations. Juniper Networks encourages new ideas and creativity in areas of interest.

Benefits of JNAA Membership

While the exact benefits derived from the JNAA program will vary depending on how your institute chooses to engage with Juniper Networks, they may include:

• Access to Juniper Networks course material and learning resources
• Access to instructor training and resources, and certification vouchers
• Ability to deliver Juniper Networks course modules towards certification
• Discounts on Juniper Networks products including Junosphere virtual lab environment
• Discounted certification vouchers for students who want to pursue certification
• Support and engagement with Juniper Networks engineering, development, and SDK teams
• Opportunities for co-authoring peer-reviewed paper and submissions

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 Networks Academic Alliance partner. For more information, we invite you to visit our website at www.juniper.net/academicalliance, email us at academicalliance@juniper.net, or contact us by phone at +1 408 933-6226.

About Juniper Networks

Juniper Networks is in the business of network innovation. From devices to data centers, from consumers to cloud providers, Juniper Networks delivers the software, silicon and systems that transform the experience and economics of networking. The company serves customers and partners worldwide. Additional information can be found at www.juniper.net.