


# Juniper Networks Academic Alliance

A large, stylized letter 'J' logo. The left vertical bar of the 'J' is yellow, and the rest of the 'J' is blue. The bottom curve of the 'J' is also blue.

# EDUCATION

Academic  
Alliance

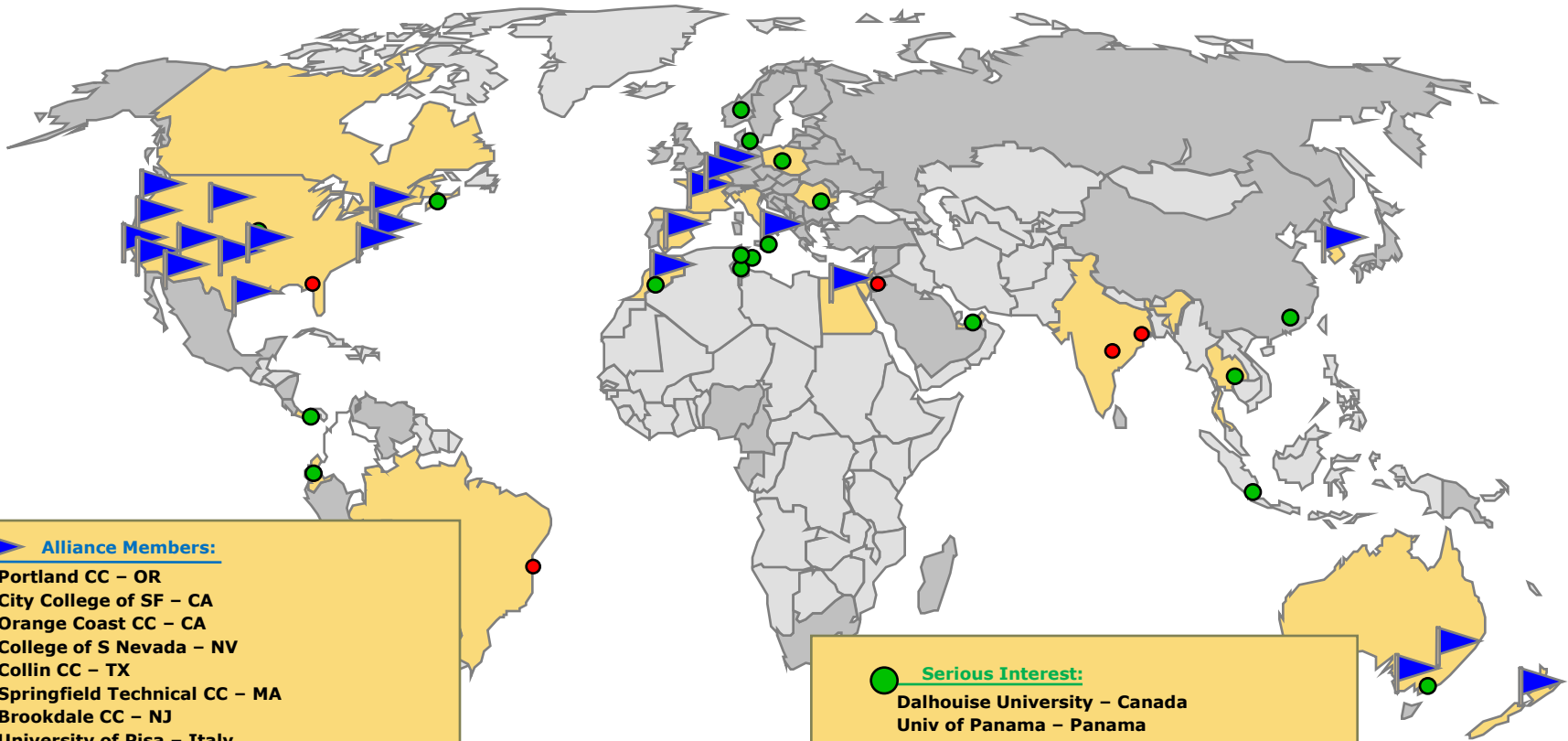
# Juniper Networks Academic Alliance

- The Juniper Networks Academic Alliance Program:
  - A partnership between Juniper Networks and post-secondary educational institutions around the world
- Our goal:
  - To support instructors and students to successfully receive a solid hands-on experience in designing, building, and maintaining computer networks with the JUNOS operating system in the enterprise environment and to aid in providing the best educational experience possible
- Our intent:
  - To make available the tools and knowledge schools require to successfully educate and train their students on JUNOS and networking skills.
- To succeed:
  - Education Services has developed enterprise-level routing, switching, and secure services classes and constructed a program to enable a partnership with an applied science approach with two-year and four-year post-secondary schools



**Contracts Under Review:**

- SENAC Rio – Brazil
- IDF – Israel
- CBIT – India
- PSG College of Technology – India
- American University of Dubai – UAE
- Florida State University – FL



**Alliance Members:**

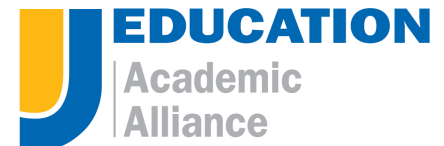
- Portland CC – OR
- City College of SF – CA
- Orange Coast CC – CA
- College of S Nevada – NV
- Collin CC – TX
- Springfield Technical CC – MA
- Brookdale CC – NJ
- University of Pisa – Italy
- NTI – Egypt
- ENSIAS – Morocco
- RMIT – Australia
- North Sydney TAFE – Australia
- Tulsa Tech Center – OK
- Technobel – Belgium
- Foothill CC – CA
- ESIEE – France
- University of Houston – TX
- UPC – Spain
- George Mason University – VA
- University of Waikato – New Zealand
- Maricopa Community College – AZ
- DaeDuk University – Korea
- Technifutur – Belgium

**Serious Interest:**

- Dalhousie University – Canada
- Univ of Panama – Panama
- School of National Polytechnics – Ecuador
- EMI – Morocco
- HCL – UAE
- KMITL – Thailand
- Swinburne Univ – Australia
- SupCOM, UTECH & ESPRIT – Tunisia
- ECU MIDT – Denmark
- University of Bucharest – Romania
- AGH Tech University – Poland
- Noroff – Norway
- Rome Univ – Italy
- HCT – UAE
- Tinjing University – China
- Ministry of Education – Indonesia

# Benefits of Becoming a Juniper Networks Academic Alliance Partner

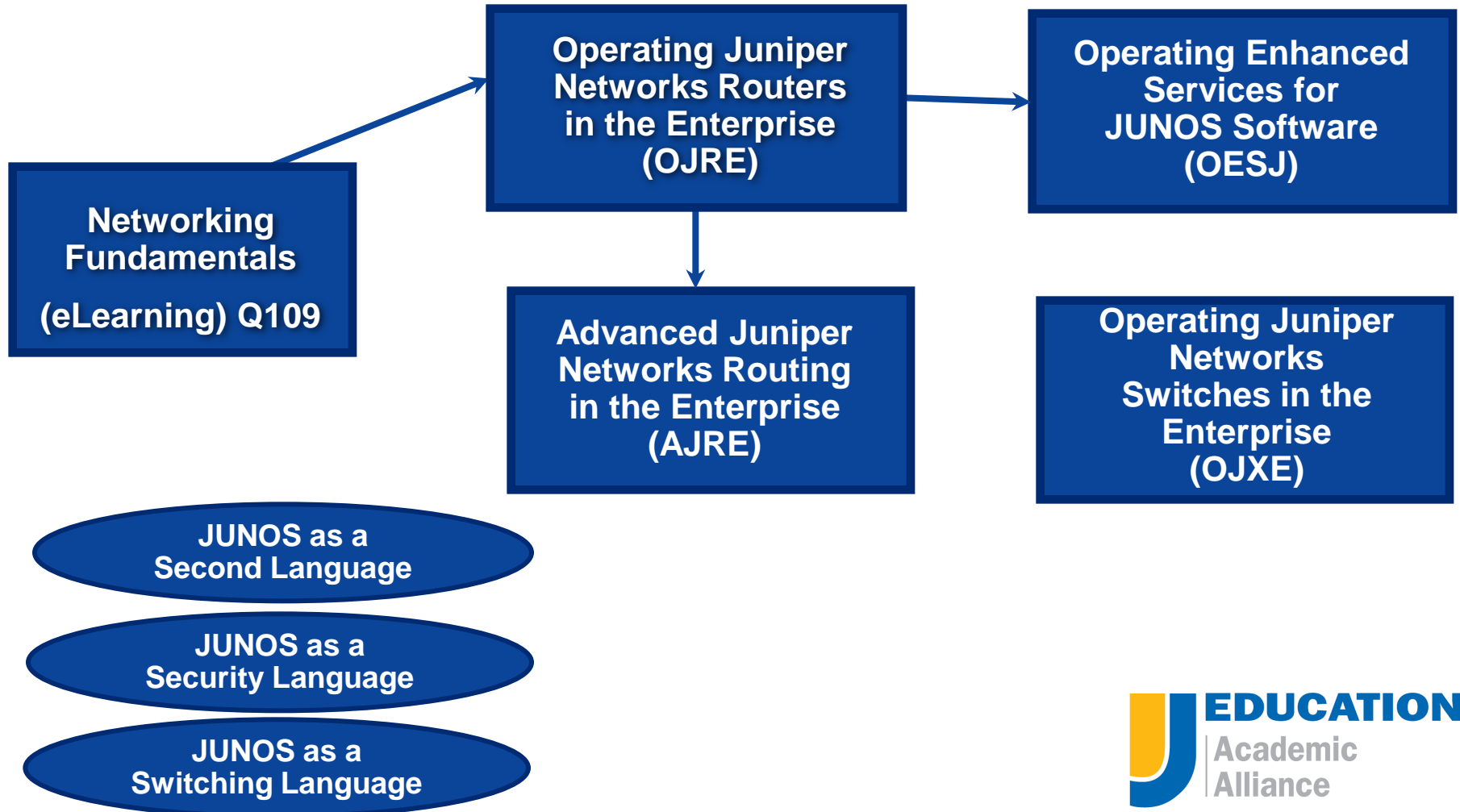
- Public offering of Juniper Networks-authorized courseware and other relevant Juniper Networks technical publications as semester-based curriculum
- Opportunity for instructional staff
- New opportunity in networking technology for students (community)
- Access to Juniper Networks technical support, instructors, and curriculum development teams for help, tips, and feedback
- Discounted program, courseware, and hardware fees



# Program Requirements

- Set up classrooms and hardware according to the *Classroom Setup* guidelines
  - Required J Series equipment kit will be available at a substantial discount
- Teach courses on a semester basis—length of semester to be no shorter than nine weeks
- Certify instructors according to current JNCI program guidelines
  - Attend the classes to be taught (OJRE, AJRE, etc.)
  - Pass the required JNTCP certification exam
- Order courseware through 3rd-party vendor (OnFulfillment)—hardcopy or PDF
- Provide Internet access to students to complete class evaluations online through a solution provided by Juniper Networks when possible

# Academic Alliance Curriculum Roadmap



# Academic Alliance Instructor-Led Course Information

- **Operating Juniper Networks Routers in the Enterprise (OJRE):**
  - Introductory-level course that focuses on installation, configuration, and operational analysis of Juniper Networks routers in the enterprise environment
- **Advanced Juniper Networks Routing in the Enterprise (AJRE):**
  - Advanced, lab-intensive course that provides a look at routing and services configurations on Juniper Networks routers commonly used in the enterprise environment
- **Operating Enhanced Services for JUNOS Software (OESJ):**
  - Designed to provide students with the knowledge and skills necessary to use JUNOS software with enhanced services, this course covers advanced security features and configurations of Juniper Networks platforms and focuses specifically on the enhanced services of JUNOS software (OJRE is a prerequisite for this course)
- **Operating Juniper Networks Switches in the Enterprise (OJXE):**
  - This course covers the configuration of Juniper Networks EX Series switches in a typical network environment and includes the key topics of platform overview, user configuration interfaces, initial and secondary system configuration tasks, operational monitoring of an EX Series switch, Ethernet switching concepts, the Spanning Tree Protocol (STP), inter-VLAN routing, switching security protocols and features, IP telephony features, and design and implementation considerations

# Juniper Networks Technical Certification Program

JNTCP Certification Level	Enterprise Routing	Enterprise Switching	Enhanced Services
Expert (JNCIE)	★		
Specialist (JNCIS)	★		★
Associate (JNCIA)	★	★	

## Contact:

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