

The BTS

National Diploma in Electrical Engineering

The **BTS SIO** takes to years of full-time study, including a **10-week internship**

Proposed specialties

At the end of the first semester, YOU choose one of the 2 specialties offered (you are completely free of your choice).

➤ **SLAM** : « **Software Solutions and Business Applications** »

Application and website developer

Students fulfill technical tasks and computer development. It could be development of an application, the adaptation of a website on various platforms, or the optimization of an already existing application.

- Languages studied: C++, PHP, JAVA
- Using the Symfony framework, Mobile Android development.
- Project Development using the AGILE process
- Data Base design and software implementation with MYSQL and SQL Server.

➤ **SISR** : « **System and Network Infrastructure Solutions** »

Network Administrator

They configure the interconnection materials (switches, routers, firewalls, etc.) to meet the customer's need and ensure the performance of the organization while respecting security. They secure, supervise, make an invention and implements preventive maintenance program and backup plans to ensure service continuity.

Applications studied: NAGIOS, OCS/GLPI, OPENLDAP, HEARTBEAT, SSH, DOCKER
Operating systems : Windows serveur 2019, 2022 , Debian (Linux) interconnection
hardware : CISCO

Profile for success

Application requirement :
Training accessible to students with a Advanced level/ GCE A_level

Attainment rate :
➤ 2024 : 100 %

Our school offers students

- TOEIC Certification
- Voltaire certification
- Preparatory cycle for engineering schools in 2nd year offering you the opportunity to integrate into our partner, the Engineering School of the group ESAIP (in Angers).
- Training for the Advanced Maths option.
- Training for additional certifications option

<u>School subjects</u>	<u>Hours in year 1</u>		<u>Hours in year 2</u>
<u>General Culture</u>	<u>3h</u>		<u>2h</u>
<u>Advanced Maths</u>	<u>3h</u>		<u>3h</u>
<u>Economics Law Management</u>	<u>5h</u>		<u>5h</u>
<u>Methods and technique of training for the Advanced Maths option</u>	<u>First term</u>	<u>Second term</u>	<u>First and second term</u>
➤ <u>Common core subjects</u>	<u>16h</u>	<u>8h</u>	<u>4h</u>
➤ <u>Speciality course</u>		<u>8h</u>	<u>12h</u>
➤ <u>Supervised personal projects</u>	<u>4h</u>	<u>4h</u>	<u>4h</u>

Informations Further information

<https://saintemarie-cholet.eu/esupec>

