START YOUR PATH
IN INFORMATION TECHNOLOGY

NOVA is the Place for IT

NOVA's **Information Technology (IT) A.S. degree** sets you up for a successful transfer to a 4-year college and places you on the path to an IT baccalaureate degree. IT professionals are the engines for technology-driven businesses. Choose from varied career paths, solve difficult challenges and be in-demand!

The IT Program

Offers a solid foundation into information and technology as well as providing valuable insight in determining your area of focus and next steps. With courses like JAVA or C++ Programming, Advanced Database Management and PC Hardware and OS Architecture, you'll gain the knowledge and exposure to guide your future.

Prepare for the Future

IT professionals are in high demand and essential to just about every modern business model. If a company relies on phones and emails, chances are there's an IT professional behind it all. NOVA has a growing list of four-year colleges accepting our IT A.S. degree for transfer. **Start your path in IT at NOVA today.**

A quick guide for students wondering if they should go into Information Technology or Computer Science:
IT is about *implementation* - good for students who enjoy more hands-on problem-solving directly with systems.
Computer Science is about *creating* - preferable for students who like math, algorithms, and abstraction layers.

A.S. IN INFORMATION TECHNOLOGY

A.S. Degree Courses
(Associate of Science)

1st Semester — Credits 16

			Credits
ENG	111	College Composition I	3
HIS	___	Elective ❶	3
ITE	152	Intro to Digital and Info. Literacy and Computer App.	3
MTH	161	PreCalculus I (or higher) ❷	3
SDV	100	College Success Skills - **OR** -	
SDV	101	Orientation to Information Technology	1
___	___	Social/Behavioral Science Elective ❸	3

2nd Semester — Credits 15

			Credits
ENG	112	College Composition II	3
MTH	261	Applied Calculus I ❷	3
___	___	Technical Elective 1 ❹	3
___	___	Technical Elective 2 ❹	3
___	___	Technical Elective 3 ❹	3

3rd Semester — Credits 14

			Credits
CST	110	Introduction to Communication ❺	3
___	___	Programming Elective ❹	4
___	___	Humanities/Fine Arts Elective ❻	3
___	___	Physical or Life Science Elective w/ Lab ❼	4

4th Semester — Credits 16

			Credits
___	___	Technical Elective 4 ❹	3
___	___	Technical Elective 5 ❹	3
___	___	Humanities/Fine Arts Elective ❻	3
___	___	Physical or Life Science Elective w/ Lab ❼	4
___	___	Social/Behavioral Science Elective ❸	3

Total Credits: 61

❶ Select from HIS 101, HIS 102, HIS 111, HIS 112, HIS 121, or HIS 122

❷ Credit will not be awarded for both MTH 261 and MTH 263. Credit will not be awarded for both MTH 262 and MTH 264

❸ See social/behavioral science courses listed under General Education Electives. Electives should be selected with advice of a counselor or academic advisor to meet the requirements of the transfer institution.

❹ Choose Technical Electives based on your target transfer school. Please work with an advisor to determine the most appropriate electives. Technical Electives 1-5: ACC 211, ACC 212, BUS 100, BUS 224, ITD 256, ITE 140, ITE 170, ITE 221, ITN 100, ITN 101, ITN 106, ITN 107, ITN 171, ITN 257, ITN 260, ITN 261, ITN 266, MTH 245, MTH 262. Programming Elective: ITP 120, ITP 132, ITP 220, ITP 150, ITN 262.

❺ Students should consult an academic advisor to select the CST appropriate course, CST 100, CST 110, CST 126, and CST 229.

❻ See humanities/fine arts courses listed under General Education Electives. Students must choose courses from two of the three areas listed. Credit will not be applied if student takes two courses from the same area. Electives should be selected with advice of a counselor or academic advisor to meet requirements of the transfer institution

❼ See physical and life science courses listed under General Education Electives. Electives should be selected with advice of a counselor or academic advisor to meet the requirements of the transfer institution

CPL

Accepted Credit for Prior Learning (CPL) for Information Technology Programs
Oracle – Oracle Certified Associate, Oracle – Oracle Database Administrator Certified Associate

For More Info about NOVA's
Information Technology A.A.S. Degree go to www.nvcc.edu/iet

NOVA
Northern Virginia Community College

APPROVED PATHWAY

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A NOVA | MASON PARTNERSHIP