

# National AOIT\* Computer Programming Option—Program of Study

<b>HIGH SCHOOL CLASSES</b>	<b>9</b>	English	Mathematics	Science	Social Studies	Foreign Language	Physical Education	<b>Select one:</b> ♦ Discovering Programming Concepts A/B ♦ Computer Programming 1 A/B(Adv Level)
	<b>Entrepreneurship and Business Management A/B, Financial Planning and high level math classes are highly recommended courses.</b>							
	<b>10</b>	English	Mathematics	Science	Social Studies	Foreign Language	Health (.5) Personal Finance(.5)	<b>Select one:</b> ♦ Computer Programming 1 A/B (Adv Level) ♦ Computer Programming 2A/B(AP)
	<b>11</b>	English	Mathematics	Science	Social Studies	Technology Education Credit	Fine Arts	At least one credit from the following: ♦ Computer Programming 2A/B(AP) ♦ Computer Programming 3A/B (AP)
	<b>National Academy Foundation requires a six to eight week paid internship.</b>							
<b>12</b>	English	Mathematics	Science Elective	Entrepreneurship and Business Management A/B			Choose from these electives: Internship-NAF (Advanced Level) College-Information Technology (Adv Level) Guided Research-AOIT A/B (Adv Level)	

♦=These courses articulate to Montgomery College

\*AOIT=Academy of Information Technology

NAF=National Academy Foundation

**High Schools offering this program:** Damascus, Gaithersburg, Seneca Valley, Springbrook, Wheaton, T. S. Wootton

**Articulate up to 17 credits in AOIT Computer Programming Option  
with a grade of B or better for a tuition savings of \$ 2,421 at Montgomery College.**

**Requirements for 2011-2012 AOIT Computer Programming Option Program of Study Completion**

**3 credits A**

- Discovering Programming Concepts A/B
- Computer Programming 1A/B (Advanced Level)
- Computer Programming 2A/B (Advanced Placement)
- Computer Programming 3A/B (Advanced Placement)



**1 credit B**

- National Academy Foundation Internship
- Academy of Information Technology Guided Research A/B
- College Information Technology (Advanced Level)