

Science - *doporučeno (4. roč. GJN), 5. roč GJN*

AP Biology (Course Length : 30 weeks, Time Required an average of 8-12 hours per week)

Detailed Course Information: http://cty.jhu.edu/ctyonline/courses/advanced_placement/ap_biology.html

AP Chemistry (Course Length : 30 weeks, Time Required an average of 8-12 hours per week)

Detailed Course Information: http://cty.jhu.edu/ctyonline/courses/advanced_placement/ap_chemistry.html

AP Physics B (Course Length : 30 weeks, Time Required an average of 8-12 hours per week)

Detailed Course Information: http://cty.jhu.edu/ctyonline/courses/advanced_placement/ap_physics.html

Mathematics

Honors precalculus with trigonometry - *doporučeno 3. roč. GJN, 4. roč. GJN, 5. roč GJN*

(Course Length : typically 25-35 weeks, Time Required an average of 6-8 hours per week)

Detailed Course Information http://cty.jhu.edu/ctyonline/courses/mathematics/precalculus.html#9_Month

Competitive Math: High School Mathematics - *doporučeno 4. roč. GJN, 5. roč GJN*

(Course Length : typically 12 weeks, Time Required an average of 6-8 hours per week)

Detailed Course Information http://cty.jhu.edu/ctyonline/courses/mathematics/competitive_math.html

Linear Algebra - *doporučeno 4. roč. GJN, 5. roč GJN*

(Course Length : typically 24 weeks, Time Required an average of 6-8 hours per week)

Detailed Course Information: http://cty.jhu.edu/ctyonline/courses/mathematics/linear_algebra.html

AP Calculus AB/ BC - *doporučeno (4. roč. GJN), 5. roč GJN*

(Course Length : typically 24 weeks, Time Required an average of 8-12 hours per week)

Detailed Course Information http://cty.jhu.edu/ctyonline/courses/advanced_placement/ap_calculus_ab.html

Differential equations - *doporučeno 4. roč. GJN, 5. roč GJN*

(Course Length : typically 24 weeks, Time Required an average of 6-8 hours per week)

Detailed Course Information http://cty.jhu.edu/ctyonline/courses/mathematics/differential_equations.html

Computer technology - *doporučeno 4. roč. GJN, 5. roč GJN*

Introduction to Java (Course Length : typically 12 weeks, Time Required an average of 6 hours per week)

Detailed Course Information http://cty.jhu.edu/ctyonline/courses/computer_science/intro_java.html

Advanced Java Programming (Course Length : typically 12 weeks)

Detailed Course Information http://cty.jhu.edu/ctyonline/courses/computer_science/advanced_java.html

Computer security fundamentals (Course Length : typically 12 weeks)

Detailed Course Information http://cty.jhu.edu/ctyonline/courses/computer_science/computer_security.html

English

ESL course (English as second language) - *doporučeno 2. roč. GJN, 3. roč GJN*

(Course Length : typically 12 weeks), Detailed Course Information: vocabulary needed for the mathematics and science courses, fixed meeting times – video lessons

Language rules: From structure to style - *doporučeno (3. roč. GJN), 4. roč GJN, 5. roč GJN*

(Course Length : typically 10 weeks, Time Required an average of 3-8 hours per week)

Detailed Course Information: http://cty.jhu.edu/ctyonline/courses/arts_humanities/structure_to_style_rul1.html

Writing analysis & persuasion - *doporučeno (3. roč. GJN), 4. roč GJN, 5. roč GJN*

(Course Length : typically 20 weeks, Time Required an average of 3-8 hours per week)

Detailed Course Information: http://cty.jhu.edu/ctyonline/courses/arts_humanities/writing_analysis_all.html

Crafting the essay for bilingual speakers - *doporučeno (3. roč. GJN), 4. roč GJN, 5. roč GJN*

(Course Length : typically 20 weeks, Time Required an average of 3-8 hours per week)

Detailed Course Information: http://cty.jhu.edu/ctyonline/courses/arts_humanities/crafting_essay_all.html