# COON RAPIDS HIGH SCHOOL • COURSE REFERENCE • GRADE 10
## 2018 - 2019

*Choose your classes carefully. Schedule changes are extremely difficult to make after registration.
*Note: Student schedules may be changed without parental notice if testing results after registration indicate the need for a math, reading, and/or writing class.          AC = Articulated Credit                    AP = Advanced Placement

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### Required Courses

**ENGLISH LANGUAGE ARTS** (enter 2 numbers)
73021-73022    English 10   OR
73071-73072    Honors English 10
73017-73018    Honors English BioMed & Engineering (New)
                 BioMed or Engineering only
73034-73035-73036   English 10 with College Foundations *(Optional)*

**HEALTH** (Need to complete in gr. 10, 11, or 12)
71520          Health

**MATHEMATICS** (Three math credits are required for graduation- please see registration guide for details.

**ARTS CHOICE REQUIREMENT** (One CR in the Arts between grs 9-12)
**PHYSICAL EDUCATION**
71700     Physical Education II
71548     Human Performance and Wellness Biomed (for students
            enrolled in Biomedical Program. *Engineering Program Students Optional*)

**SCIENCE** (enter 2 numbers)
75475-75476     Chemistry I     OR
75481-75482     Honors Chemistry I

**SOCIAL STUDIES** (enter 2 numbers)
77011-77012     United States History 10   OR
77391-77392     AP United States History

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## See Registration Guide for prerequisite information (available at http://www.ahschools.us/domain/6497)

### ART
| | |
|---|---|
| 71330 | Ceramics I |
| 71340 | Ceramics II |
| 71373 | Ceramics III |
| 71367 | Computer Art I |
| 71369 | Computer Art II |
| 71420 | Drawing I |
| 71430 | Drawing II |
| 71371 | Drawing III |
| 71341 | Jewelry & Craft Design I |
| 71342 | Jewelry & Craft Design II |
| 71315 | Medical Illustration I (New) |
| 71440 | Painting I |
| 71450 | Painting II |
| 71372 | Painting III |
| 71460 | Sculpture I |
| 71470 | Sculpture II |
| 71374 | Sculpture III |
| 71366 | Video Art I |
| 71368 | Video Art II |

### BUSINESS EDUCATION
| | |
|---|---|
| 70430 | AC Accounting I |
| 70440 | AC Accounting II |
| 70620 | AC Advertising and Sales |
| 70545 | Honors Building Wealth |
| 70520 | Business and Consumer Law |
| 70510 | AC Business Management |
| 70360 | AC Computer Applications |
| 70375 | AC Computer Programming |
| 70380 | AP Computer Science |
| 70540 | AC Entrepreneurship |
| 70421 | AC Hospitality and Tourism |
| 70420 | Honors International Business |
| 70305 | AC Introduction to Computers |
| 70310 | AC Keyboarding |
| 70610 | AC Marketing |
| 70350 | Personal Money Management |
| 70386 | AC Social Media Marketing and Web Design |
| 70390 | Video Game Design & Marketing |
| 70385 | AC Web Page Coding for Business |

### CAREER AND TECHNICAL EDUCATION
| | |
|---|---|
| 75450 | Animal Management |
| 75547 | Fish and Wildlife Ecology |
| 75548 | Fish and Wildlife Zoology |
| 75507 | Floriculture |
| 75542 | Greenhouse Management |
| 78640 | Investigating Careers |
| 71927 | AC Medical Anatomy I |
| 71928 | AC Medical Anatomy II |
| 71531 | AC Medical Terminology & Careers |
| 75451 | Pre-Vet Animal Science |
| 75501 | Seasonal Horticulture |

### DRIVER AND SAFETY EDUCATION
| | |
|---|---|
| 78610 | Drivers Education |

### ENGLISH LANGUAGE ARTS
| | |
|---|---|
| 73325 | Academic Writing Foundations |
| 73460 | Acting I |
| 73510 | Acting II |
| 73520 | Acting III |
| 73323 | Creative Writing I |
| 73440 | Debate I |
| 73480 | Honors Debate II |
| 73330 | Introduction to Journalism |
| 73339 | Convergence Journalism |
| 73430 | Public Speaking |
| 73336 | Television Journalism I |
| 73337 | Television Journalism II |
| 73338 | Television Journalism III |
| 73410 | Yearbook Lab I *PreReq-Intro to Journalism recommended* |
| 73419 | Yearbook Lab II |
| 73421 | Yearbook Lab III |

### FAMILY AND CONSUMER SCIENCE
| | |
|---|---|
| 78330 | AC Child & Human Development |
| 78341 | AC Early Childhood Careers |
| 78400 | Coll Education, Teaching & Training Careers |
| 78360 | Consumer Strategies |
| 78441 | Introduction to Culinary Arts-*formerly Food Prep Fundamentals* |
| 78454 | Culinary Arts I |
| 78404 | Culinary Arts II |
| 78323 | Fabric, Apparel & Design |
| 78322 | AC Fashion Merchandising |
| 78451 | Food Science |
| 78430 | Interior Design & Housing |
| 78410 | Interpersonal Relationships |
| 78442 | Nutrition |

### MATHEMATICS
| | |
|---|---|
| 74200-74201-74202 | Intermediate Algebra w/College Foundations |
| 74520-74522 | Geometry *PreReq-Int Alg/Coll Found OR H Int Alg* |
| 74571-74572 | Honors Geometry *PreReq-Int Alg/Coll Fnd OR H Int Alg* |
| 74720 | Advanced Algebra *PreReq-Geometry OR H Geometry* |
| 74730 | Honors Advanced Algebra *PreReq H Geom OR Teacher Rec* |
| 74549 | Statistics & Probability *PreReq-Int Alg/Coll Fnd OR H Int Alg* |
| 74555-74556 | AP Statistics *PreReq-Int Alg/Coll Found OR H Int Alg* |
| 74601-74602 | Honors Precalculus *PreReq Hon Adv Alg OR Coll Hon Coll Alg OR Coll H Coll Alg/Modeling Or Adv Alg (Teacher Recommendation)* |
| 74481-74482 | AP Calculus AB *PreReq Hon Precalculus* |
| 74485-74486 | AP Calculus BC *PreReq-AP Calc AB* |
| 74420 | Calculus AB Seminar (New) *PreReq-AP Calculus AB* |

### MUSIC
| | |
|---|---|
| 71677-71642-71643 | Band II |
| 71676-71642-71643 | Marching Band/Band II |
| 71677-71672-71673 | Honors Band III |
| 71676-71672-71673 | Honors Marching Band/Band III |
| 71561-71562-71563 | Choir II |
| 71571-71572-71573 | Honors Choir III |
| 71651-71652-71653 | Orchestra II |
| 71661-71662-71663 | Honors Orchestra III |
| 71610 | Music Exploration |
| 71577-71578 | AP Music Theory (New) *See PreReq Info* |
| 71699 | World Drumming |

Class of 2021

## PHYSICAL EDUCATION
| | |
|---|---|
| 71811 | Accelerated Basketball I |
| 71812 | Accelerated Basketball II |
| 71823 | Group Fitness I |
| 71824 | Group Fitness II |
| 71830 | Accelerated Volleyball I |
| 71710 | Strength Training and Conditioning I |
| 71810 | Team Sports |
| 71740 | Total Sports I |
| 71745 | Total Sports II |

## READING
| | |
|---|---|
| 73811 | Academic Reading Prep I |
| 73821 | Academic Reading Prep II |
| 73860 | Coll Reading for College and Careers |

## SCIENCE
| | |
|---|---|
| 75367 | Astronomy |
| 75344 | Geology of Minnesota |
| 75368 | Meteorology |
| 75667-75668 | Physics |

## SOCIAL STUDIES
| | |
|---|---|
| 77109 | America Through Multimedia |
| 77103 | Globe Trekker |
| 77614 | Honors African American History (New) |
| 77104 | Modern Global Issues |
| 77610 | Multicultural Perspectives |
| 77159 | US History Seminar |
| 77920 | Youth Issues |

## TECHNOLOGY EDUCATION
| | |
|---|---|
| 76840 | Automotive Technology I |
| 76850 | Automotive Technology II |
| 76851 | Automotive Technology III |
| 76100 | Design & Fabrication I |
| 76101 | Design and Fabrication II-*formerly CAD II* |
| 76412 | CAD III Engineering & Architecture |
| 76450 | CAD/Technical Illustrating |
| 76541 | Digital Photography I |
| 76542 | Digital Photography II |
| 76543 | Digital Videography I |
| 76310 | Electronics I |
| 76320 | Electronics II |
| 76510 | Graphic Design I |
| 76530 | Graphic Design II |
| 76531 | Graphic Design III |
| 76751 | Home Maintenance |
| 76610 | Metal Technology I |
| 76620 | Metal Technology II |
| 76630 | Metal Technology III |
| 76810 | Outdoor Power Equipment- *formerly Small Gas Engines I* |
| 76820 | Power Sports Engines-*formerly Small Gas Engines II* |
| 76546 | Television Production I |
| 76547 | Television Production II |
| 76548 | Television Production III |
| 76711 | Wood Technology I |
| 76721 | Wood Technology II |
| 76730 | Wood Technology III |

## WORLD LANGUAGES
| | |
|---|---|
| 72331-72332 | American Sign Language I |
| 72341-72342 | American Sign Language II |
| 72351-72352 | Honors American Sign Lang III |
| 72311-72312 | French I |
| 72321-72322 | French II |
| 72371-72372 | Honors French III |
| 72411-72412 | German I |
| 72421-72422 | German II |
| 72471-72472 | Honors German III |
| 72511-72512 | Spanish I |
| 72521-72522 | Spanish II |
| 72571-72572 | Honors Spanish III |
| 72501 | Honors Hispanic Studies (New) *PreReq Spanish IIIA &B* |
| 72500 | Medical Spanish *PreReq Spanish II* |

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## CENTER FOR BIOMEDICAL SCIENCES AND ENGINEERING
If not currently enrolled in this program, please see coordinator in room #181B

### BIOMEDICAL SCIENCES AND ENGINEERING
| | |
|---|---|
| 78481-78482 | PLTW Honors Principles of Biomedical Sciences |
| 78485-78486 | PLTW Honors Human Body Systems |
| 71570 | AC Electronic Health Records Biomed |
| 78445 | AC Medical Terminology & Careers Biomed |
| 71569 | Coll Introduction to Holistic Healing Biomed |
| 78461-78462 | PLTW AC Honors Introduction to Engineering Design |
| 78463-78464 | PLTW AC Honors Principles of Engineering |
| 78479-78480 | PLTW AC Honors Digital Electronics |

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# Class of 2021

For *Part-time* students at STEP, select only career classes. Transfer the set of numbers to your [High School] Registration Worksheet.

*Please note morning classes and afternoon classes are 2 periods long.

**Check registration guide for prerequisites and other requirements!**

### Architecture and Construction Careers
| | |
|---|---|
| 75533 | Construction Careers: Landscape Design and Construction |

### Engineering Careers
| | |
|---|---|
| 78621 | Aviation Technology |
| 76230 | Unmanned Aerial Systems (Drones) |
| 76231 | Honors Avionics (Electronic applications in Aerospace) |
| 78470 | PLTW Honors Introduction to Engineering Design |
| 78469 | PLTW Honors Engineering: Principles of Engineering (includes Physics A credit) |
| 78453 | PLTW Honors Computer Science Applications |
| 78487 | PLTW Honors Computer Science Principles |
| 78623 | PLTW Honors Aerospace Engineering (Includes credit of Physics A) |
| 78678 | Coll Transportation & Logistics Engineering |

### Fashion Merchandising Careers
| | |
|---|---|
| 78324 | Advanced Fashion and Design Technologies |

### Human Services Careers
| | |
|---|---|
| 78235 | Cosmetology and Barbering Careers I |
| 78236 | Cosmetology and Barbering Careers II |

### Health Science Careers
| | |
|---|---|
| 71931 | Investigating Medical Careers |
| 71934 | Medical Anatomy I&II |
| 71944 | Coll Emergency Medical Careers I |

### Hospitality and Tourism Careers
| | |
|---|---|
| 78561 | Hotel/Restaurant/Baking Careers I |

### Information Technology Careers
| | |
|---|---|
| 70638 | A+ PC Troubleshooting and Repair I |

### Law, Public Safety, Correction, and Security Careers
| | |
|---|---|
| 77531 | Firefighting I |

### Manufacturing Careers
| | |
|---|---|
| 76261 | Coll Machine Technology I |