2017 Indiana STEM Teacher Recruitment Fund Grant

Application and program administered by:

Indiana Commission for Higher Education

101 West Ohio Street, Suite 300
Indianapolis, IN 46204
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I. Timeline

Monday, May 22, 2017
Application posted on
Indiana Commission for
Higher Education website at
www.in.gov/che

Friday, June 30, 2017
Applications due at CHE by
5pm (Eastern)

Monday, July 3, 2017 - Friday, July 14, 2017
Application review period

Week of July 17, 2017
Applicants notified of status,
grants awarded

The Grant Period is July 1, 2017 through June 30, 2019. Costs incurred from July 1, 2017 until
the date of grant awarding may be invoiced. Prior to July 1, 2018, CHE will pay no more than
50% of a grant recipient’s total award as listed in the ‘Grant Award Information’ section of the
executed Grant Award Agreement.

Applications may be submitted by postal mail to:

Indiana Commission for Higher Education
ATTN: STEM Teacher Recruitment Grant Fund
101 West Ohio Street, Suite 300
Indianapolis, IN 46204

Alternatively, applications can be submitted by email to the program contact or by fax at (317)
232-3260.

Program Contact:

Eugene Johnson, Assistant Commissioner
Indiana Commission for Higher Education
101 West Ohio, Suite 300
Indianapolis, IN 46204
Email: ejohnson@che.in.gov
Alternate Email: finance@che.in.gov
Phone: (317) 232-2368
II. **Background**

The Indiana STEM Teacher Recruitment Fund was initially established by the Indiana General Assembly during the 2013 Legislative Session. The fund was established to:

- Encourage the growth of existing organizations that recruit science, technology, engineering and mathematics teachers.
- Support the establishment of programs that increase the pool of high-quality science, technology, engineering and mathematics teachers in Indiana.
- Identify recruiting organizations and programs that:
  - Produce high student achievement and effective and highly effective teachers
  - Match science, technology, engineering and mathematics teachers with school corporations that are encountering shortages of qualified teachers in those fields.
  - Place new science, technology, engineering and math teachers in schools located in underserved areas.
III. Objectives

To provide grants to Indiana non-profit organizations\(^1\) and programs\(^2\) which: a) recruit and place science, technology, engineering and mathematics teachers in Indiana school corporations located in underserved areas or who are encountering a shortage of qualified teachers in those fields and/or b) establish programs that increase the pool of high-quality science, technology, engineering and mathematics teachers in Indiana. To be considered for a grant, organizations and programs must demonstrate prior success in recruitment, development, licensure or permitting of highly effective STEM teachers and high student achievement or must provide a plan/framework that will accomplish these goals. Organizations and programs must match STEM teachers with Indiana school corporations that would otherwise encounter a shortage of qualified teachers in K-12 science, technology, engineering and mathematics. Grants may be used to recruit, train and place new STEM teachers and to provide pre-service and in-service teachers with skills to teach new or additional STEM coursework.

“New STEM teacher” means an individual who meets at least one of the following definitions:

- Has at least a baccalaureate degree from a regionally accredited institution in a STEM field but who has not previously been granted a license or permit to teach a STEM subject or content area in an Indiana public school;
- Is completing a baccalaureate degree from a regionally accredited institution in a STEM field and who also is completing teacher licensing requirements in a STEM subject or content area;
- Has work experience in a STEM field but who has not previously been licensed to teach a STEM subject or content area in an Indiana public school;
- Is licensed to teach in an Indiana public school and becomes licensed to teach a STEM subject or content area

“Pre-service teacher” means an individual who:

- Is engaged in training designed to train them to become an effective STEM teacher; and
- Plans to teach STEM coursework in an Indiana school corporation

“In-service teacher” means an individual who:

- Is currently licensed to teach in an Indiana public school; and

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\(^1\) Entities must be registered as a non-profit domestic or foreign corporation with the Indiana Secretary of State.

\(^2\) Same as 2
• Is looking to obtain training to teach in a STEM subject or content area different than their current position or to teach advanced subject or content area within their current position

The term “licensure” includes receiving the following licenses:

• Workplace Specialist license
• Transition to Teaching license
• Charter school license (IC 20-28-5-16)
• Initial, proficient or accomplished practitioner license and the equivalent under prior administrative rules

The term “permit” includes:

• Emergency permit
• Transition to Teaching permit
• An individual eligible to teach in a charter school pursuant to IC 20-24-6-5
• Career Specialist permit

The term “completes training” includes:

• Training provided by organizations specializing in the development of K-12 STEM curricula and courses, including dual credit courses
• Training for online K-12 STEM curricula and courses that utilize a blended instructional model

STEM subjects: Individuals recruited and trained by organizations and programs to be STEM teachers must seek licensure or training in K-12 science, technology, engineering or math subjects or content areas approved by the Indiana State Board of Education. Examples include:

• Elementary science and math
• Middle school science, technology, engineering or math
• High school science, technology, engineering or math
• Certain middle school and high school courses designated as “quantitative reasoning” courses (see appendix E)
• Advanced Placement and International Baccalaureate science, technology, engineering or math courses and other similar advanced courses
• Dual credit science, technology, engineering or math courses listed on the Indiana Core Transfer Library
• Certain career and technical education courses in STEM fields (see appendix F)

A school corporation “encountering a shortage of qualified teachers” must:
• Certify that the school corporation has determined the need to seek an emergency permit for a teacher of a STEM subject or course as designated by 511 IAC 16-4-1; or
• Have a shortage of teachers of a STEM subject or course as determined by the State Board of Education or the school corporation; or
• Have no current employee eligible to teach the STEM subject or course.

An “underserved” Indiana school corporation must:

• Have a complexity index determined by IC 20-43-13 greater than the state average; or
• Must employ a program participant or contract for the services of a program participant to serve predominantly in a Title I school(s).
IV. **Entities Eligible to Apply**

New and existing organizations or programs may apply for grant consideration. Consideration for a grant will be given to entities that meet one or more of the following criteria:

- Operate programs that successfully recruit, train and place new STEM teachers in grades K-12 in underserved Indiana school corporations or corporations experiencing a shortage of qualified STEM teachers;
- Operate programs which enhance the ability of in-service teachers currently employed in Indiana school corporations to teach STEM-specific coursework;
- Plan to develop and operate new programs designed to place STEM teachers in grades K-12 in underserved Indiana school corporations or school corporations experiencing a shortage of qualified STEM teachers

New organizations or programs are those that have never received the STEM Teacher Recruitment Fund Grant and will establish programs that increase the pool of high-quality science, technology, engineering and mathematics teachers in Indiana.

Existing organizations or programs are those that previously received and utilized a STEM Teacher Recruitment Fund Grant and will continue to recruit and train eligible, new pre-service or in-service science, technology, engineering and mathematics teachers.

Entities must be registered as a non-profit domestic or foreign corporation with the Indiana Secretary of State. Please include a copy of the entities most current organizational chart with all applications.
V. Authorized Activities and Use of Funds

Grant recipients are responsible for complying with Indiana teacher licensure and permit requirements.

Program participants must seek employment in an Indiana public school corporation, including charter schools. Seeking employment in a non-public school or a non-Indiana school corporation does not qualify the program participant to receive program support.

Conditions:

- Individuals who accept program financial support to become licensed or trained to teach science, technology, engineering or math subjects or content areas must apply to teach in Indiana public school corporations (including charter schools) and must accept employment or a contract for services if offered.

- Individuals who accept program financial support and who do not apply, do not accept employment, do not accept a contract to offer services in an eligible Indiana school corporation or charter school or who do not complete an employment contract or a contract to offer services will be expected to repay the amount of financial support received from the program, absent exigent circumstances.

- Employment or contracting for services in a non-public school is not a permissible program outcome.

- Employment or contracting for services with a non-Indiana school is not a permissible program outcome.
VI. Mandatory and Preferred Activities

Mandatory:
Licensure: the program must result in individuals becoming licensed or trained to teach in Indiana public school K-12 science, technology, engineering or math subjects or content areas for which they were not previously eligible to teach.

- Individuals receiving program support must seek employment in an eligible Indiana public school corporation or charter school.

Preferred:

- Alignment with initiatives that expand STEM learning activities or enhance STEM student academic achievement, such as:
  - Math-Science Partnerships
  - 21st Century Learning Community Center grants
  - National Math & Science Initiative
  - Indiana Works Councils Innovative Career and Technical Education (CTE) grants
  - STEM learning activities in addition to the required instructional time
  - Local school STEM activities

- Connections to initiatives that improve STEM learning and work outcomes in which students complete:
  - Diplomas or certificates of achievement with a STEM emphasis
  - Industry certifications in a STEM occupation
  - Dual credit or advanced placement courses in a STEM subject
  - Internships or apprenticeships in a STEM field

- Connections to Indiana STEM economic growth opportunities, such as:
  - Life sciences, including medical and health technologies
  - Advanced manufacturing
  - Engineering and engineering technologies
  - Computer and information sciences
  - Agriculture and agriscience
  - Energy, including renewable energy
  - Other Indiana STEM growth areas (please specify)

5 Please reference www.in.gov/irwc/2362.htm for more information on CTE grants.
Alignment with state and federal incentives that might be applicable to STEM teachers, including:
  o Minority teacher scholarships (IC 21-13-2)
  o Student teaching stipends for high need fields or minorities (IC 21-13-7 and 21-13-8)
  o State, federal or teacher loan forgiveness or cancellation programs
VII.  Grant Recipients, Award Amounts and Budget

• Grant recipients and award amounts will be determined by Commission staff in consultation with an advisory team. Awards will be based on review of the application for funding, the scope of work and anticipated outcomes of the project.
• The Commission and the program applicant may mutually agree to modify the requested budget.
• Personnel and financial resource contributions by the applicant and partners will be considered as a stronger commitment to the proposal.
• The range of awards may encompass the implementation of large-scale projects as well as the design and incubation of new ideas and innovations.
VIII. Required Reporting

Indiana Code 21-13-11-12 requires that a recipient of a grant under this chapter submit to the Commission a written report concerning the recipient's compliance with the program evaluation standards on the following dates:

- December 1 of each year
- July 1 of each year

Reports must include:

- For new STEM teachers receiving support through grants funds: the duration of service in an Indiana school corporation or the length of time committed to teaching in an Indiana school corporation
- For pre-service or in-service teachers: average length of service for teachers supported; skills enhanced or new skills attained as part of participation in program using grant funds
- The effectiveness of the program, including:
  - Number of individuals licensed or trained to teach science, technology, engineering or math K-12 subjects and content areas, including dual credit courses in Indiana public schools
  - Teacher ratings according to IC 20-28-11.5, aggregated for the program’s participants

- Student academic achievement improvements:
  - ISTEP [math and science]
  - Algebra I end-of-course exam
  - Biology I end-of-course exam
  - Dual credit or advanced placement exams in STEM subjects
  - Industry certification exams in STEM fields
  - Locally-adopted STEM assessments [Acuity, NWEA, etc.]
  - STEM classes or courses added to the school schedule:
    - Increase in number of classes or enrollment in courses already offered
    - New STEM classes added to school’s curriculum offerings

- Effective use of funds:
  - Cost per participant
  - Number of individuals who become STEM teachers
  - Length of service expected of program participants
  - New pre-service or in-service teachers supported

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6 Pursuant to IC 21-13-11-13, these reports must be considered in any review of a subsequent grant application from the registered non-profit domestic or foreign corporation.

7 Same as 7
• Number of schools supported (names and grade levels of schools should be included)

• Partnerships utilized to support student and teacher achievement in STEM-related fields
  o Outcomes of partnerships
  o Number of partnerships created or enhanced utilizing grant funds (names of partners should be included)
## IX. Objectives and Scoring of Application

### Existing Organizations and Programs

<table>
<thead>
<tr>
<th>Objective</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strategies to recruit, train and place new STEM teachers in grant-eligible locations or to enhance the ability of pre-service and in-service teachers to teach new or additional STEM-related coursework</td>
<td>40</td>
</tr>
<tr>
<td>Cost effectiveness of proposal including, but not limited to:</td>
<td></td>
</tr>
<tr>
<td>o New pre-service or in-service teachers supported</td>
<td></td>
</tr>
<tr>
<td>o Number of K-12 public schools supported through programs utilizing grant funds</td>
<td>20</td>
</tr>
<tr>
<td>STEM teacher retention strategies</td>
<td>15</td>
</tr>
<tr>
<td>Partnerships with STEM-based industries, organizations and service providers</td>
<td>15</td>
</tr>
<tr>
<td>Program history specific to Indiana and compliance with evaluation standards</td>
<td>10</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100</strong></td>
</tr>
</tbody>
</table>

### New Organizations and Programs

<table>
<thead>
<tr>
<th>Objective</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strategies to recruit, train and place new STEM teachers in grant-eligible locations or to enhance the ability of pre-service and in-service teachers to teach new or additional STEM-related coursework</td>
<td>40</td>
</tr>
<tr>
<td>Cost effectiveness of proposal including, but not limited to:</td>
<td></td>
</tr>
<tr>
<td>o New teachers to be supported</td>
<td></td>
</tr>
<tr>
<td>o Number of K-12 public schools to be supported</td>
<td>25</td>
</tr>
<tr>
<td>STEM teacher retention strategies</td>
<td>25</td>
</tr>
<tr>
<td>Current or proposed partnerships with STEM-based industries, organizations and service providers</td>
<td>10</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100</strong></td>
</tr>
</tbody>
</table>

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8 Pursuant to IC 21-13-11-13, the reports required by IC 21-13-11-12 must be considered in any review of a subsequent grant application from an eligible registered non-profit domestic or foreign corporation.
APPENDICES
APPENDIX A

APPLICATION EVALUATION - Existing Organizations and Programs

Strategies to recruit, train and place new STEM teachers in grant-eligible locations or to enhance the ability of pre-service and in-service teachers to teach new or additional STEM-related coursework

- Outreach and recruiting activities for new teachers
- Training activities and teacher placement success
- Enhancement of pre-service and in-service teachers’ abilities to teach new or continuing STEM-related subject matter

Maximum Pages: 6  Maximum Points: 40

Cost effectiveness of proposal including, but not limited to:

- New teachers to be supported
- Number of K-12 public schools to be supported
- Fund usage as stated in budget worksheet; particular emphasis will be placed on percentage of funding going to staffing, travel and related costs as a percent of total fund usage

Maximum Pages: 4  Maximum Points: 20

STEM teacher retention strategies

- Methods used to retain new STEM teachers and to support the growth of in-service teachers
- Quantitative data showing retention achieved through the organization or program

Maximum Pages: 4  Maximum Points: 15

Current or proposed partnerships with STEM-based industries, organizations and service providers

- Relationships with entities supporting student and teacher achievement in STEM-related fields

Maximum Pages: 4  Maximum Points: 15

Program history specific to Indiana and compliance with evaluation standards

- Organization’s prior history and outcomes working in and with Indiana school corporations to increase STEM Teaching outcomes
- Compliance with grant evaluation standards of prior grant as reported by the organization

Maximum Pages: 2  Maximum Points: 10

Total Maximum Pages: 20  Total Maximum Points: 100
APPENDIX B

APPLICATION EVALUATION - New Organizations and Programs

Strategies to recruit, train and place new STEM teachers in grant-eligible locations or to enhance the ability of pre-service and in-service teachers to teach new or additional STEM-related coursework

- Outreach and recruiting activities for new teachers
- Training activities and teacher placement success
- Enhancement of pre-service and in-service teachers’ abilities to teach new or continuing STEM-related subject matter

Maximum Pages: 6 Maximum Points: 40

Cost effectiveness of proposal including, but not limited to:

- New pre-service or in-service teachers supported
- Number of K-12 public schools supported through programs utilizing grant funds
- Fund usage as stated in budget worksheet; particular emphasis will be placed on percentage of funding going to staffing, travel and related costs as a percent of total fund usage

Maximum Pages: 4 Maximum Points: 25

STEM teacher retention strategies

- Methods used to retain new STEM teachers and support the growth of in-service teachers
- Quantitative data showing retention achieved through the organization or program

Maximum Pages: 4 Maximum Points: 25

Current or proposed partnerships with STEM-based industries, organizations and service providers

- Relationships with entities supporting student and teacher achievement in STEM-related fields

Maximum Pages: 4 Maximum Points: 10

Total Maximum Pages: 18 Total Maximum Points: 100
APPENDIX C
Budget Worksheet

Please refer to the Excel Spreadsheet provided as part of the application packet
APPENDIX D
Statute Governing STEM Teacher Recruitment Grant Fund
IC 21-13-11\(^9\)

Please refer to the following statute:

http://iga.in.gov/legislative/laws/2016/ic/titles/021/articles/013/chapters/011/

\(^9\) HEA 1001-2015 dissolved the Indiana Education Roundtable and assigned administration of the grant fund to the Indiana Commission for Higher Education
# APPENDIX E

## Quantitative Reasoning STEM Courses

Quantitative Reasoning STEM courses eligible for the Indiana STEM Teacher Recruitment Fund grant program.

<table>
<thead>
<tr>
<th>Course Description</th>
<th>PLTW</th>
<th>Non-PLTW</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Quantitative Reasoning: Engineering</strong></td>
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<td></td>
</tr>
<tr>
<td>Computer Integrated Manufacturing</td>
<td>4810</td>
<td>5534</td>
</tr>
<tr>
<td>Principles of Engineering</td>
<td>4814</td>
<td>5644</td>
</tr>
<tr>
<td>Aerospace Engineering</td>
<td>4816</td>
<td>5518</td>
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<tr>
<td>Civil Engineering and Architecture</td>
<td>4820</td>
<td>5650</td>
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<tr>
<td>Digital Electronics</td>
<td>4826</td>
<td>5538</td>
</tr>
<tr>
<td>Engineering Design and Development</td>
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<td>5698</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Description</th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Quantitative Reasoning: Math</strong></td>
<td></td>
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<tr>
<td>Calculus</td>
<td>2527</td>
<td></td>
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<tr>
<td>Finite Mathematics</td>
<td>2530</td>
<td></td>
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<tr>
<td>Advanced Mathematics, Special Topics: Insert title</td>
<td></td>
<td></td>
</tr>
<tr>
<td>descriptive of course content</td>
<td>2543</td>
<td></td>
</tr>
<tr>
<td>Advanced Mathematics, College Credit</td>
<td>2544</td>
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<tr>
<td>Probability and Statistics</td>
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<tr>
<td>Quantitative Reasoning</td>
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<tr>
<td>Integrated Mathematics III</td>
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<tr>
<td>Calculus AB, Advanced Placement</td>
<td>2562</td>
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<tr>
<td>Pre-Calculus – 1 Semester</td>
<td>2564</td>
<td></td>
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<tr>
<td>Trigonometry - 1 semester</td>
<td>2566</td>
<td></td>
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<tr>
<td>Advanced Modeling and Analysis</td>
<td>2568</td>
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<tr>
<td>Statistics, Advanced Placement</td>
<td>2570</td>
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<tr>
<td>Calculus BC, Advanced Placement</td>
<td>2572</td>
<td></td>
</tr>
<tr>
<td>Further Mathematics, Higher Level International Baccalaureate</td>
<td>2580</td>
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<td>Mathematics Higher Level, International Baccalaureate</td>
<td>2582</td>
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<tr>
<td>Mathematics Standard Level, International Baccalaureate</td>
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<tr>
<td>Mathematical Studies Standard Level, International Baccalaureate</td>
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</table>

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10 Project Lead the Way
# APPENDIX F
## Career and Technical Education STEM Courses
High School STEM Courses for the STEM Teacher Recruitment Fund Grant Program; Career and Technical Education Courses are **underlined**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>High School Subject Area and Course Title</th>
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</thead>
<tbody>
<tr>
<td><strong>ADVANCED COURSES FOR DUAL CREDIT</strong></td>
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</tr>
<tr>
<td>2544</td>
<td>Advanced Mathematics, College Credit</td>
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<tr>
<td>3090</td>
<td>Advanced Science, College Credit (L)</td>
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<tr>
<td><strong>ADVANCED PLACEMENT</strong></td>
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</tr>
<tr>
<td>3020</td>
<td>Biology, Advanced Placement (L)</td>
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<tr>
<td>2562</td>
<td>Calculus AB, Advanced Placement</td>
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<tr>
<td>2572</td>
<td>Calculus BC, Advanced Placement</td>
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<tr>
<td>3060</td>
<td>Chemistry, Advanced Placement</td>
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<tr>
<td>4570</td>
<td>Computer Science A, Advanced Placement</td>
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<tr>
<td>3012</td>
<td>Environmental Science, Advanced Placement (L)</td>
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<tr>
<td>3080</td>
<td>Physics B, Advanced Placement (L)</td>
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<tr>
<td>3088</td>
<td>Physics C, Advanced Placement (L)</td>
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<tr>
<td>2570</td>
<td>Statistics, Advanced Placement</td>
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<tr>
<td><strong>AGRICULTURAL EDUCATION</strong></td>
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<tr>
<td>5070</td>
<td>Advanced Life Science, Animals (L)</td>
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<tr>
<td>5072</td>
<td>Advanced Life Science, Foods (L)</td>
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<tr>
<td>5074</td>
<td>Advanced Life Science, Plants and Soils (L)</td>
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<tr>
<td>5088</td>
<td>Agriculture Power, Structure and Technology</td>
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<tr>
<td>5008</td>
<td>Animal Science</td>
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<tr>
<td>5102</td>
<td>Food Science</td>
</tr>
<tr>
<td>5132</td>
<td>Horticultural Science</td>
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<tr>
<td>5170</td>
<td>Plant and Soil Science</td>
</tr>
<tr>
<td>5180</td>
<td>Natural Resources</td>
</tr>
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<td>5229</td>
<td>Sustainable Energy Alternatives</td>
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<tr>
<td><strong>BUSINESS, MARKETING, &amp; INFORMATION TECHNOLOGY</strong></td>
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<tr>
<td>4516</td>
<td>Computer Illustration and Graphics</td>
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<tr>
<td>4534</td>
<td>Computer Programming I</td>
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<tr>
<td>5236</td>
<td>Computer Programming II</td>
</tr>
<tr>
<td>4570</td>
<td>Computer Science A, Advanced Placement</td>
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<tr>
<td>4584</td>
<td>Computer Science Higher Level, International Baccalaureate</td>
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<tr>
<td>4586</td>
<td>Computer Science Standard Level, International Baccalaureate</td>
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<tr>
<td></td>
<td>Information Technology in a Global Society Higher Level, International</td>
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<tr>
<td>5242</td>
<td>Baccalaureate</td>
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</table>
CAREER & TECHNICAL EDUCATION

5238  Advanced Career & Technical Education, College Credit

ENGINEERING & TECHNOLOGY EDUCATION

5608  Advanced Manufacturing I
5606  Advanced Manufacturing II
5518  Aerospace Engineering non-PLTW
4816  Aerospace Engineering PLTW
5648  Biotechnical Engineering non-PLTW
4818  Biotechnical Engineering PLTW
5650  Civil Engineering and Architecture non-PLTW
4820  Civil Engineering and Architecture PLTW
4780  Communication Systems
5534  Computer Integrated Manufacturing non-PLTW
4810  Computer Integrated Manufacturing PLTW
4800  Computers in Design & Production
4822  Design Technology Higher Level, International Baccalaureate
4824  Design Technology Standard Level, International Baccalaureate
5538  Digital Electronics non-PLTW
4826  Digital Electronics PLTW
5698  Engineering Design and Development non-PLTW
4828  Engineering Design and Development PLTW
4796  Introduction to Advanced Manufacturing and Logistics
4802  Introduction to Engineering Design non-PLTW
4784  Introduction to Manufacturing
5644  Principles of Engineering non-PLTW
4814  Principles of Engineering PLTW

HEALTH SCIENCE EDUCATION

5276  Anatomy and Physiology
5284  Health Science Education II: Nursing formerly Health Science Education II
5214  Health Science Education II: Pharmacy formerly Introduction to Pharmacy
Health Science Education II: Physical Therapy formerly Introduction to Physical
5215  Therapy
5216  PLTW Human Body Systems
5217  PLTW Medical Interventions
5218  PLTW Principles of Biomedical Sciences
5219  PLTW Biomedical Innovations

INTERNATIONAL BACCALAUREATE

3032  Biology Higher Level,
International Baccalaureate
Biology Standard Level,

Chemistry Higher Level,

International Baccalaureate

Chemistry Standard Level, International Baccalaureate

Computer Science Higher Level, International Baccalaureate

Computer Science Standard Level, International Baccalaureate

Environmental Systems Standard Level, International Baccalaureate

Environmental Systems and Societies Standard Level, International Baccalaureate

Information Technology in a Global Society Higher Level, International Baccalaureate

Information Technology in a Global Society Standard Level, International Baccalaureate

Mathematics Higher Level, International Baccalaureate

Mathematical Studies Standard Level, International Baccalaureate

Mathematics Standard Level, International Baccalaureate

Physics Higher Level, International Baccalaureate

Physics Standard Level, International Baccalaureate

MATHEMATICS

Advanced Mathematics, College Credit

Advanced Mathematics, Special Topics: Insert title Descriptive of course content

Advanced Modeling and Analysis

Algebra I Lab

Algebra I

Algebra II

Calculus

Calculus AB, Advanced Placement

Calculus BC, Advanced Placement

Finite Mathematics

Further Mathematics, Standard Level International Baccalaureate

Geometry

Integrated Mathematics I Lab

Integrated Mathematics I

Integrated Mathematics II

Integrated Mathematics III

Mathematical Studies Standard Level, International Baccalaureate

Mathematics Higher Level, International Baccalaureate

Mathematics Lab

Mathematics Standard Level, International Baccalaureate

Pre-Calculus/Trigonometry - 2 semesters

Probability and Statistics

Quantitative Reasoning

Statistics, Advanced Placement
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<tr>
<th>Code</th>
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<td>Trigonometry - 1 semester</td>
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<td><strong>SCIENCE</strong></td>
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<tr>
<td>3090</td>
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