Ontario Youth Apprenticeship (OYAP)
Specialist High Skills Major (SHSM)

Maryland
June 21, 2018

Gina Iuliano Marrello  Superintendent of Student Success
Luciano Di Loreto  OYAP Coordinator
Catherine Moynihan  SHSM Pathways Resource Teacher
Michael Alexander  SHSM Pathways Resource Teacher
Ontario Secondary School Diploma (OSSD) Requirements

- Successful completion of Literacy requirement.
- 40 hours of community involvement (Community Involvement Activity Notification and Completion Form)
- 30 courses required for graduation: (18 compulsory, including 4 English, and 12 electives)
Ontario Schools and School Boards

Most recent facts and figures available (2016-2017)

- Ontario schools are administered by district school boards and school authorities
- 72 Ontario School boards are divided as follows:
  - 31 English Public Schools
  - 29 English Catholic Schools
  - 4 French Public Schools
  - 8 French Catholic Schools

As of 2016-17, Ontario had:
- 3,975 elementary schools
- 902 secondary schools
- 82,135 elementary and 42,000 secondary teachers
Ministries that provide Funding

- Ontario Ministry of Education - provides most funding for boards, including *Specialist High Skills Major*

- Ontario Ministry of Advanced Education and Skills Development provides funding for *Ontario Youth and Apprenticeship Program*
Toronto Catholic District School Board

TCDSB is the largest Catholic School Board in Canada
168 Elementary Schools
31 Secondary Schools and 1
1 Alternative Education School (multiple locations)

Number of Students: 61,969 Elementary
28,633 Secondary
90,602 Total Students

TCDSB is larger than the Baltimore City School District and Anne Arundel School District
Ministry of Education

Achieving Excellence: A Renewed Vision for Education in Ontario, 2014

Renewed Goals:
- Achieving Excellence
- Ensuring Equity
- Promoting Well Being
- Enhancing Public Confidence
TCDSB Student Success

4 Pillars:

● Literacy
● Numeracy
● Pathways
● Catholicity, Community, Culture, and Caring
Areas of Focus:
● Student Opportunities
● Pathways Plan
● Post Secondary Destinations
● Exploration
● Student Interest and Choice
Ministry Funding - Specialist High Skills Major

2017-18

TCDSB: Grants for Student Needs (GSN): $834,000; Education Program - Other (EPO): $545,000 for a total of $1.379,000

Ontario: $32.1 ($25.3 GSN + $6.8M EPO)

2018-19

TCDSB: $1.492,350; ($730,843 GSN, $761,507 EPO); given same student enrollment

Ontario: $38.9 ($25.3 + $13.6 from Highly Skilled Workforce)
Funding - Ontario Youth Apprenticeship Program

In 2017-18, TCDSB received: $ 204,041 (same in prior year)

For 2018-19, TCDSB will have the following allocated funds: $199,370

In addition to the above mentioned allocated annual funding, extra funding can be requested for Special Projects such as:

- $20,000 for the promotion of girls entering non-traditional skilled trades
- $20,000 for the promotion of the skilled trades for Indigenous students
At TCDSB, we build and nurture relationships with Partners.

- Central Partnerships through outreach by Central Resource Staff
- Local Partnerships developed by school staff

Formal and Informal partnerships
Why this Direction?
Cooperative Education

- Earn high school courses
  - 1 course = 110 hours
  - Students must be 16 years of age and over
  - Can earn multiple co-op courses
- Unpaid work placement
- Make connection with employers
- Experience linked to curriculum
Technological Education Courses

- In Grade 9, students can choose an Exploring Technologies course
- In Grades 10-12, students have opportunities to choose Technological based courses in the following areas
  - Communications Technology
  - Construction
  - Transportation
  - Design
  - Manufacturing
  - Hospitality
  - Health Care
  - Green Industries
  - Hairstyling and Aesthetics
Ontario Youth Apprenticeship Programs

The Ontario Youth Apprenticeship Program (OYAP) starts in...

Grade 11

• OYAP students engage in co-op programs at their school
• OYAP students earn high school credits towards a diploma
• OYAP students work under the supervision of a skilled professional
• Registered OYAP students are eligible for financial incentives and apprenticeship services.
Who is an OYAP Student?

‘Co-op participant’
A high school student who is earning co-op ed credits for work experience in any apprenticeable occupation.

‘Registered OYAP’
A high school student who is earning co-op ed credits and is formally registered as an apprentice with the MAESD while working in any apprenticeable occupation.

‘Accelerated’
A high school student who is formally registered as an apprentice by participating in any of the ‘Accelerated’ OYAP opportunities available through their board.
OYAP ‘Accelerated’ Programs

TCDSB

Training Delivery Agent (Local Unions)

Training Delivery Agent (Colleges)

Partnering School Boards

MAESD
SOME Accelerated OYAP Programs

- Plumbing
- Electrician
- Residential Air Conditioning
- Automotive Service Technician
- Child Development Practitioner
- Child & Youth Worker
- Carpenter
- Cook
- Hairstyling
- Floor Covering Installer
- Drywall, Acoustical and Lathing Applicator
- Construction Craft Worker

Training Delivery Agencies:
- Seneca College
- Humber College
- George Brown College
- Centennial College
- Local 27 Carpenters Union
- Local 675 Drywall Union
- L.I.U.N.A. Local 183
- Studio 500
Specialist High Skills Major (SHSM)

Deliverables of SHSM Program:

- Bundle of Courses including Co-Op
- Certifications
- Experiential Learning
- Reach Ahead
- Sector Partnered Contextualized Experience
## SHSM Funding at a Glance

### SHSM Funding Formula 2017-18

<table>
<thead>
<tr>
<th>Program Year</th>
<th>Start Up Funding per Program</th>
<th>Per Student</th>
<th>Program Renewal (Mature Program Funding)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1</td>
<td>$10,000</td>
<td>$300/student to a max of $9,000 at 30 students</td>
<td>$0</td>
</tr>
<tr>
<td></td>
<td>1-9 students, less than 2% footprint</td>
<td>$3,500</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1-9 students, over 2% footprint</td>
<td>$7,000</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10-24 students</td>
<td>$7,000</td>
<td></td>
</tr>
<tr>
<td></td>
<td>25-50 students</td>
<td>$10,000</td>
<td></td>
</tr>
<tr>
<td></td>
<td>51-100 students</td>
<td>$13,000</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Over 100 students</td>
<td>$16,000</td>
<td></td>
</tr>
<tr>
<td>Year 2</td>
<td>$10,000</td>
<td>$300/student to cover certifications and student activity costs</td>
<td>$0</td>
</tr>
<tr>
<td></td>
<td>1-9 students, less than 2% footprint</td>
<td>$2,000</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1-9 students, over 2% footprint</td>
<td>$4,000</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10-24 students</td>
<td>$4,000</td>
<td></td>
</tr>
<tr>
<td></td>
<td>25-50 students</td>
<td>$7,000</td>
<td></td>
</tr>
<tr>
<td></td>
<td>51-100 students</td>
<td>$10,000</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Over 100 students</td>
<td>$13,000</td>
<td></td>
</tr>
<tr>
<td>Year 3</td>
<td>$0</td>
<td>$300/student to cover certifications and student activity costs</td>
<td>$100</td>
</tr>
<tr>
<td></td>
<td>1-9 students, less than 2% footprint</td>
<td>$2,000</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1-9 students, over 2% footprint</td>
<td>$4,000</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10-24 students</td>
<td>$4,000</td>
<td></td>
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<tr>
<td></td>
<td>25-50 students</td>
<td>$7,000</td>
<td></td>
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<tr>
<td></td>
<td>51-100 students</td>
<td>$10,000</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Over 100 students</td>
<td>$13,000</td>
<td></td>
</tr>
<tr>
<td>Year 4</td>
<td>$0</td>
<td>$300/student to cover certifications and student activity costs</td>
<td>$100</td>
</tr>
</tbody>
</table>
### SHSM Overview - Bundle of Courses

<table>
<thead>
<tr>
<th>Credits</th>
<th>Apprenticeship Training Grades 11–12</th>
<th>College Grades 11–12</th>
<th>University Grades 11–12</th>
<th>Workplace Grades 11–12</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Major Credits</strong>&lt;br&gt;One credit may be substituted with a cooperative education credit (additional to the 2 required co-op credits)</td>
<td>4 Including at least one Gr. 11 and one Gr. 12 credit</td>
<td>4 Including at least one Gr. 11 and one Gr. 12 credit</td>
<td>4 Including at least one Gr. 11 and one Gr. 12 credit</td>
<td>4 Including at least one Gr. 11 and one Gr. 12 credit</td>
</tr>
<tr>
<td><strong>English including a CLA in each credit</strong></td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>2 One credit must be in Gr. 12</td>
</tr>
<tr>
<td><strong>Mathematics including a CLA in each credit</strong></td>
<td>2 One credit must in Gr. 12</td>
<td>2 One credit must in Gr. 12</td>
<td>2 One credit must in Gr. 12</td>
<td>1</td>
</tr>
<tr>
<td><strong>Business Studies or Science including a CLA</strong>&lt;br&gt;May be substituted with 1 cooperative education credit (additional to the 2 required co-op credits)</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td><strong>Cooperative Education</strong></td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total number of credits</strong></td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>10</td>
</tr>
</tbody>
</table>
## Certifications Chart - Construction Sector

### Five (5) compulsory

<table>
<thead>
<tr>
<th>Certification</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cardiopulmonary Resuscitation (CPR) Level C</td>
<td>includes automated external defibrillation (AED)</td>
</tr>
<tr>
<td>Health and Safety - basic</td>
<td></td>
</tr>
<tr>
<td>Standard First Aid</td>
<td></td>
</tr>
<tr>
<td>Working at Heights</td>
<td></td>
</tr>
<tr>
<td>Workplace Hazardous Materials Information System</td>
<td>WHMIS - generic (i.e., not site-specific) instruction</td>
</tr>
</tbody>
</table>

### Two (2) electives from the list below

<table>
<thead>
<tr>
<th>Basic Electrical Safety</th>
<th>Canadian Welding Bureau (CWB) - flat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Confined Space Awareness</td>
<td>Customer Service</td>
</tr>
<tr>
<td>Fall Protection</td>
<td>Fire Safety and Fire Extinguisher Use</td>
</tr>
<tr>
<td>Insulated Concrete Forming</td>
<td>Land Surveying Basics</td>
</tr>
<tr>
<td>Ozone Depletion Prevention</td>
<td>Portfolio Development</td>
</tr>
<tr>
<td>Propane in Construction</td>
<td>Scaffold Safety</td>
</tr>
<tr>
<td>Suspended Access Equipment</td>
<td>Traffic Control</td>
</tr>
<tr>
<td></td>
<td>Trenching Safety</td>
</tr>
<tr>
<td></td>
<td>Computer-aided Design and Computer-aided Manufacturing (CAD/CAM)</td>
</tr>
<tr>
<td></td>
<td>Elevated Work Platforms</td>
</tr>
<tr>
<td></td>
<td>Energy Efficiency Training (e.g., Energy Star, LEED)</td>
</tr>
<tr>
<td></td>
<td>Hoisting and Rigging</td>
</tr>
<tr>
<td></td>
<td>Innovation, Creativity and Entrepreneurship (ICE)</td>
</tr>
<tr>
<td></td>
<td>Leadership Skills</td>
</tr>
<tr>
<td></td>
<td>Lockout/Tagging</td>
</tr>
<tr>
<td></td>
<td>Project Management</td>
</tr>
<tr>
<td></td>
<td>Specialized Skills Training Program/competition (e.g., Skills Canada</td>
</tr>
<tr>
<td></td>
<td>Provincial Level, Woodlinks)</td>
</tr>
</tbody>
</table>
Denize Dion  
222 Pathway Road  
Toronto, ON  
M2N 3H3  
denize.dion@yahoo.com

Education and Training

September 2016 – present  
Toronto Catholic High School, Toronto, Ontario

- Currently completing grade 12
- Registered in the Specialist High Skills Major (Construction) and Accelerated OYAP (Electrical)

Certifications

2016/2017
- CPR, Level C
- Standard First Aid

2017/2018
- Basic Health and Safety
- WHMIS
- Working at Heights
- Basic Electrical Safety
- Energy Efficiency Training

February – June 2017  
George Brown College

- Electrical Code 1

June 2017
- Participated in Skills Canada – RIM Park, Waterloo, ON

June 2018
- Electrician Level 1 Apprenticeship

Work and Co-op Experience

January 2015 – present  
Home Depot, Toronto, Ontario

- Worked effectively as a team member
- Used problem-solving skills in dealing with customers and working with co-workers
- Developed strong communication skills while dealing with customers and working with co-workers
- Duties performed: Worked on cash, assisted in inventory and stock turnovers, general customer service

Accelerated OYAP Co-op Placement

September 2017 – present  
Joe Sparks Electrical, Toronto Ontario

- Worked as part of a team while assisting in electrical duties such as prepping, wiring and adhering to code
- Involved in problem solving to meet deadlines
- Communicated effectively with team members and customers
- Worked part-time on weekends when extra help was required

Volunteer Experience

September 2016  
Toronto Catholic High School Special Events

- Worked effectively as a team member to assist in tech team for special events
- Worked creatively to stay within a set budget to deliver audio visual needs for each event, and to solve problems as they arose

References

Mr. Robbins, Technology Teacher, St. SHSM-OYAP Catholic High School (416)555-5555
Steve Saw, Manager, Home Depot, Toronto, ON (647)515-5555

Mrs. Stacy Watt, Electrical Code Professor at George Brown, (647)556-5555
Mr. Joe Sparks, Certified Electrician, (416)675-2233
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>TCDSB</td>
<td>7123</td>
<td>7191</td>
<td>6945</td>
<td>7174</td>
<td>Unavailable</td>
</tr>
<tr>
<td>SHSM</td>
<td>293</td>
<td>489</td>
<td>621</td>
<td>756</td>
<td>895</td>
</tr>
<tr>
<td>OYAP</td>
<td>296</td>
<td>300</td>
<td>280</td>
<td>216</td>
<td>289</td>
</tr>
<tr>
<td>*Total OYAP &amp; SHSM</td>
<td>585</td>
<td>764</td>
<td>876</td>
<td>938</td>
<td>1183</td>
</tr>
<tr>
<td>COOP Course</td>
<td>2597</td>
<td>2549</td>
<td>2358</td>
<td>2519</td>
<td>3046</td>
</tr>
<tr>
<td>Technological Education (at least one course)</td>
<td>4111</td>
<td>4113</td>
<td>3848</td>
<td>4082</td>
<td>Unavailable</td>
</tr>
</tbody>
</table>

*Note that there is about a 10% overlap in students taking OYAP and SHSM
Thank You