BLUEVALE TECHNOLOGY
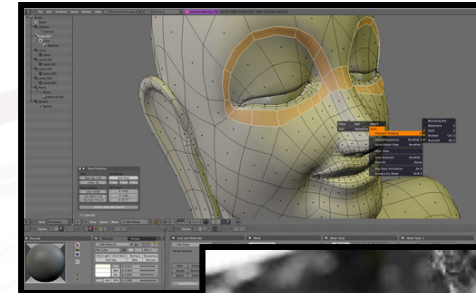
Grade 12
Course Options

BLUEVALE TECHNOLOGY

- Students entering Grade 12 have a number of exciting options to choose from in Technology
- These include:
  - *Communications Tech (TGJ4MI, TGJ4OI)*
  - *Computer Science/Programming (ICS4CI, ICS4UI)*
  - *Manufacturing Tech (TMJ4CI, TMJ4CI,)*
  - *Technological Design (TDJ4MI, TDJ4OI)*
  - *Transportation Tech (TTJ4CI, TTA 4CX)*

COMMUNICATION TECHNOLOGY

- TGJ 4MI (University/College) & TGJ 4OI (Open Level)
- Major Units of Study:
  - *Digital Video & Audio Production*
  - *Computer Animation (Flash, 3D Animation)*
  - *Web Page Design & Multimedia Production*
  - *Digital Photography & Photo Editing*
  - *Graphic Design & Digital Portfolio Production*
- Primarily an independent project course – design and carry out projects that are of greatest interest and value to YOU!
- Many post-secondary options, including careers/courses in animation, media production, graphic design & advertising, desktop publishing, web media, video production, broadcasting & more!
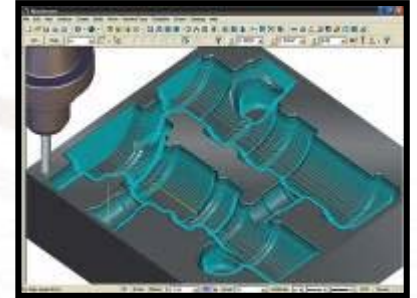- Build your multi-media portfolio.

HAVE FUN!!!

MANUFACTURING TECHNOLOGY

- TMJ 4CI (College Level) & TMJ 4EI (Workplace/College Level)

- Program Overview:

  – *Builds on skills/knowledge from grade 11 course*

  – *Hands-on course focusing on manufacturing process and high-skilled trades*

  – *Use of manual and automated systems to create a series of skills-based projects (including Mastercam and CAD software)*

  – *Work with variety of CNC and manual equipment*

*IF you want **employment** in the High-Tech Manufacturing sector…*
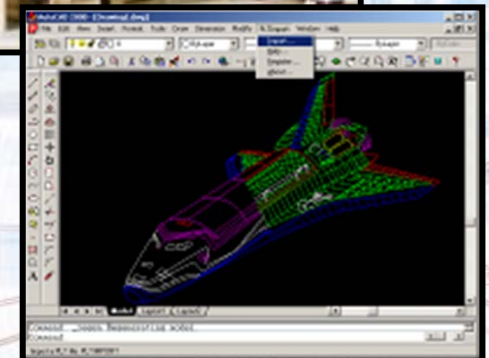**TAKE MANUFACTURING!!!**

TECHNOLOGICAL DESIGN

- TDJ 4MI (University/College Level) & TDJ 4OI (Open Level)
- Program Overview:
  - *Course focuses on hands-on skills development related to the fields of engineering, drafting, computer-assisted design and architecture*
  - *Learn through simulations, model-building, computer-based projects, individual and team activities, electric car club, etc.*
  - *High-level problem solving and project management skills*
  - *Can get a head-start and a earn college credit in grade 12*

  Great course to design and build things! Have fun while learning new stuff!
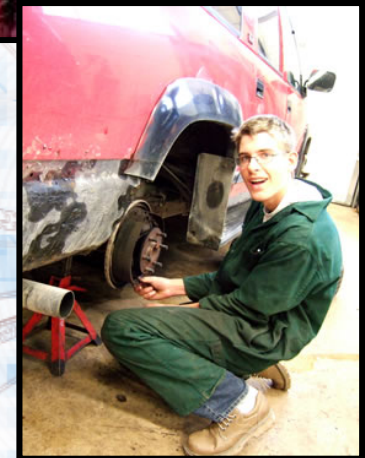
TRANSPORTATION TECHNOLOGY

- TTJ 4CI (College Level)
- TTJ 4EI (Open to all students)
- Program Overview:
  - *4CI and 4EI courses teach skills and knowledge necessary for a potential path in transportation and/or automotive technology industries, building on grade 11 learning*
  - *TT4EI is a course that does not require any prior knowledge in Transportation.*
  - *Both options are practical, hands-on courses that provide valuable transportation-related skills*

Do you ever want to drive a car?
Than you NEED to take Transportation Tech!

DID YOU KNOW?

- You need at least one GROUP 3 credit to graduate, and tech satisfies this requirement

- BCI offers a variety of co-op placements in technology (manufacturing, transportation, comm-tech and more)

- Many of our courses provide VERY in-demand skills that today's employers are looking for

- Courses are very active – a nice break from "lecture style"

- HUGE number of post-secondary options available to tech students – college, university or heading in to the workforce!

BLUEVALE TECHNOLOGY

Take Tech!

Courses are fun, active and incredibly valuable for your future!