

ME 403 – Manufacturing related YouTube videos (November 2009)

Hardening:

Oil quench: <http://www.youtube.com/watch?v=3QOjMuI7V90&feature=related>

Induction HT: <http://www.youtube.com/watch?v=WbGj1vIE1Zg&feature=related>

SME:

Forging: <http://www.youtube.com/watch?v=tLRkOupbARM>

Machining: <http://www.youtube.com/watch?v=hRooPJAeK24&feature=channel>

Tube bending: <http://www.youtube.com/watch?v=9CM6Rf4MqYo&feature=channel>

Milling: <http://www.youtube.com/watch?v=SeGQ91FKTNg&feature=channel>

Threading: <http://www.youtube.com/watch?v=vCHQLFZHHJc&feature=channel>

Turning: <http://www.youtube.com/watch?v=86-xKFbdnOo&feature=channel>

Turning: <http://www.youtube.com/watch?v=tDc0l9Gm8D4&feature=channel>

Punching: <http://www.youtube.com/watch?v=Z26pEs8bocs&feature=channel>

Punching: <http://www.youtube.com/watch?v=q5Wlr6Co5SI&feature=channel>

Roll forming: <http://www.youtube.com/watch?v=xGLHjyPdDBI&feature=channel>

Hydroforming: <http://www.youtube.com/watch?v=nylIvins3XE&feature=channel>

Brazing: <http://www.youtube.com/watch?v=3UBd1HIXegM&feature=channel>

Plating: <http://www.youtube.com/watch?v=P9qsyNnfOyY&feature=channel>

Powder coat: <http://www.youtube.com/watch?v=haCU69C0S3M&feature=channel>

Resistance Welding: http://www.youtube.com/watch?v=b2n_kpLXwY8&feature=channel

Thermal energy deburring:

<http://www.youtube.com/watch?v=wDOXQkHvl4g&feature=channel>

EDM: <http://www.youtube.com/watch?v=Sr0kC3eRIC8&feature=channel>

Powdered metal: <http://www.youtube.com/watch?v=1Mjsi2F2MrY&feature=channel>

Sheet Joining: <http://www.youtube.com/watch?v=KI83-OoY7mU&feature=channel>

Investment casting: <http://www.youtube.com/watch?v=PIneaDTZ16g&feature=channel>

Blow molding: <http://www.youtube.com/watch?v=ynsS2afUzE&feature=channel>

Die cast: <http://www.youtube.com/watch?v=1AgDGLNE6Es&feature=channel>

Plastic extrusion: <http://www.youtube.com/watch?v=W0QbPtYXsRs&feature=channel>

Radiography: <http://www.youtube.com/watch?v=61uQOJm8Jlg&feature=channel>

Composite mold: http://www.youtube.com/watch?v=4Pw_tcgliTQ&feature=channel

Composites pre-preg: <http://www.youtube.com/watch?v=Eq6Xj1UcIKg&feature=channel>

Composites vac bag: <http://www.youtube.com/watch?v=sJlfzuxvESM&feature=channel>

Composites auto layup: http://www.youtube.com/watch?v=y_TDd3bzDeM&feature=channel

Sheet molding: http://www.youtube.com/watch?v=Kh_PO9O4BAs&feature=channel

Pultrusion: http://www.youtube.com/watch?v=9tlQn5_cko0&feature=channel

Injection molding: <http://www.youtube.com/watch?v=bit-D1NnfjI&feature=channel>

Injection molding molds: <http://www.youtube.com/watch?v=TP1lgy0qocY&feature=channel>

Thermoforming: <http://www.youtube.com/watch?v=U60mdDW5Ulc&feature=channel>

Plastic machining: <http://www.youtube.com/watch?v=QdJCQG-DRro&feature=channel>

Nano-tech mfg: http://www.youtube.com/watch?v=9yuTM_EOtHY&feature=channel